

Title: **PFM Cryo-Harness Verification (SIH)**

CI-No: *121432*

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1.0	31.01.06	All	First issue	
2.0	17.07.06	All	<p>Agreements of MQR- RID TP01 are implemented</p> <p>Chapter 4 ANNEX 1: Update 1-3 HIFI Harness in total (internal, external, SVM) Add CASA measurement data.</p> <p>Update 1-4 HIFI LOU Harness (external and SVM) Implementation of measurement values for external and SVM harness part.</p> <p>Chapter 5 ANNEX 2: Update 2-3 PACS Harness in total (internal, external, SVM) Add CASA measurement data.</p> <p>Chapter 6 ANNEX 3: Update 3-2 SPIRE Harness external and SVM Add CASA measurement data.</p>	

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1 Introduction

The Herschel instruments harness data, summarized within this document, have been established to verify the harness resistance and capacitance requirements for the scientific instrument harness of HIFI, PACS and SPIRE.

The harness resistance values, reported in this document have been measured by CASA / ASSE after manufacturing and by ASED (IDAS-measurement) prior / after integration into the HEPLM.

The capacitance values are calculated values by multiplying the cable characteristic values (pF/m) by the actual length of the cables. This verification method was verified by the comparison of random sample measurements with the respective calculated value, which showed very good correspondence. (see also RD 15)

Not yet included in this document are the IDAS measurements of the SVM sections for the HIFI, PACS and SPIRE harnesses. These measurements will be performed before and after integration into the SVM which is currently planned for Dec. 2006

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2 Documents

2.1 Applicable Documents

The following documents form a part of this document to the extent specified herein. Unless an issue is quoted for a document, the current issue is deemed to apply. When an issue is quoted, that issue and no other must be used.

AD-1 Herschel/Planck Instrument Interface Document – Part B, SCI-PT-IIDB/SPIRE-2124

AD-2 Herschel/Planck Instrument Interface Document – Part B, SCI-PT-IIDB/PACS-2126

AD-3 Herschel/Planck Instrument Interface Document – Part B, SCI-PT-IIDB/HIFI-02125

AD-4 PFM Cryo-Harness Electrical Interface Control Document HIFI
HP-2-ASED-IC-0014

AD-5 PFM Cryo-Harness Electrical Interface Control Document PACS
HP-2-ASED-IC-0015

AD-6 PFM Cryo-Harness Electrical Interface Control Document SPIRE
HP-2-ASED-IC-0016

2.2 Reference Documents

RD-1 Test Report for HIFI CVV Internal Harness Continuity Verification with IDAS
HP-2-ASED-TR-0047

RD-2 Test Report for HIFI CVV External Harness Continuity Verification with IDAS
HP-2-ASED-TR-0068

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- RD-3 Test Report for HIFI SVM Harness Continuity Verification with IDAS
HP-2-ASED-TR-tbd
- RD-4 Test Report for PACS CVV Internal Harness Continuity Verification with IDAS
HP-2-ASED-TR-0049
- RD-5 Test Report for PACS CVV External Harness Continuity Verification with IDAS
HP-2-ASED-TR-0069
- RD-6 Test Report for PACS SVM Harness Continuity Verification with IDAS
HP-2-ASED-TR-tbd
- RD-7 Test Report for SPIRE CVV Internal Harness Continuity Verification with IDAS
HP-2-ASED-TR-0051
- RD-8 Test Report for SPIRE CVV External Harness Continuity Verification with IDAS
HP-2-ASED-TR-0070
- RD-9 Test Report for SPIRE SVM Harness Continuity Verification with IDAS
HP-2-ASED-TR-tbd
- RD-10 Continuity, Insulation and Resistance Measurement Test Report PFM SIH
HP-2-CASA-RP-0014
- RD-11 End Item Data Package PFM HIFI
HP-2-ASSE-DP-0002
- RD-12 End Item Data Package PFM HIFI-LOU
HP-2-ASSE-DP-0004
- RD-13 End Item Data Package PFM PACS
HP-2-ASSE-DP-0003
- RD-14 End Item Data Package PFM SPIRE
HP-2-ASSE-DP-0005
- RD-15 Test report for EQM PACS Cold Harness Capacitance Measurement
HP-2-ASED-TR-0063

3 General Remarks

3.1 Harness Resistance Calculation and Measurement

For the harness data shown in the different columns in the annexed tables following calculated and measured harness data have been used.

Column: " Characteristic Cable Resistance (Ω /m) from CASA / GORE "

The cable sample data of 1 m length have been measured by CASA and GORE, (see ANNEX 7)

Column: " CATIA Length (m) "

The length determinations as obtained from the CATIA model.

Column: " Predicted Value Wire Resistance in (Ω) "

CATIA length multiplied by characteristic cable resistance values (Ω /m) have been taken into account.

Column: " as built length (m) measured by CASA / ASSE "

The existing harness length measured by CASA / ASSE after manufacturing

Column: " Calculated Wire Resistance in (Ω) "

Measured harness length multiplied by characteristic cable resistance values have been taken into account.

4 ANNEX 1: HIFI INSTRUMENT HARNESS SIH

1 - 1 HIFI Harness internal CVV

1 - 2 HIFI Harness external CVV

1 - 3 HIFI Harness in total (internal, external, SVM)

1 - 4 HIFI LOUHarness external and SVM)

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-01	2111100P044	003	2211121J018	001	BRASS	1,4	2104	2,9456	2090	2,926	2,82	3,00
SIH-CH-01	2111100P044	006	2211121J018	002	BRASS	1,4	2104	2,9456	2090	2,926	2,89	2,99
SIH-CH-01	2111100P044	009	2211121J018	003	BRASS	1,4	2104	2,9456	2090	2,926	2,89	2,99
SIH-CH-01	2111100P044	005	2211121J018	004	SST	110	2104	231,44	2090	229,9	231,66	231,84
SIH-CH-01	2111100P044	008	2211121J018	005	SST	110	2104	231,44	2090	229,9	232,27	232,38
SIH-CH-01	2111100P044	002	2211121J018	006	SST	110	2104	231,44	2090	229,9	232,07	232,09
SIH-CH-01	2111100P044	001	2211121J018	007							32,75	32,88
SIH-CH-01	2111100P044	007	2211121J018	008							26,22	26,29
SIH-CH-01	2111100P043	007	2211121J018	009							25,21	25,39
SIH-CH-01	2111100P043	005	2211121J018	010	SST	110	2054	225,94	2020	222,2	223,69	223,68
SIH-CH-01	2111100P043	002	2211121J018	011	SST	110	2054	225,94	2020	222,2	224,26	224,31
SIH-CH-01	2111100P042	005	2211121J018	012	SST	110	2003	220,33	1970	216,7	218,91	218,92
SIH-CH-01	2111100P042	008	2211121J018	013	SST	110	2003	220,33	1970	216,7	218,75	218,74
SIH-CH-01	2111100P042	003	2211121J018	014	BRASS	1,4	2003	2,8042	1970	2,758	2,69	2,83
SIH-CH-01	2111100P042	006	2211121J018	015	BRASS	1,4	2003	2,8042	1970	2,758	2,69	2,79
SIH-CH-01	2111100P039	001	2211121J018	016							29,65	29,67
SIH-CH-01	2111100P043	003	2211121J018	017	BRASS	1,4	2054	2,8756	2020	2,828	2,76	2,89
SIH-CH-01	2111100P043	001	2211121J018	018							31,88	31,99
SIH-CH-01	2111100P043	008	2211121J018	019	SST	110	2054	225,94	2020	222,2	224,40	224,38
SIH-CH-01	2111100P042	001	2211121J018	020							31,26	31,43
SIH-CH-01	2111100P042	002	2211121J018	021	SST	110	2003	220,33	1970	216,7	219,15	219,29
SIH-CH-01	2111100P042	007	2211121J018	022							23,80	23,92
SIH-CH-01	2111100P042	004	2211121J018	023	BRASS	1,4	2003	2,8042	1970	2,758	2,69	2,83
SIH-CH-01	2111100P042	009	2211121J018	024	BRASS	1,4	2003	2,8042	1970	2,758	2,76	2,81
SIH-CH-01	2111100P039	008	2211121J018	025	SST	110	1853	203,83	1840	202,4	201,81	201,71
SIH-CH-01	2111100P043	009	2211121J018	026	BRASS	1,4	2054	2,8756	2020	2,828	2,76	2,89
SIH-CH-01	2111100P041	001	2211121J018	027							30,99	31,17
SIH-CH-01	2111100P041	005	2211121J018	028	SST	110	1953	214,83	1880	206,8	212,78	212,82
SIH-CH-01	2111100P041	007	2211121J018	029							24,81	24,98
SIH-CH-01	2111100P041	003	2211121J018	030	BRASS	1,4	1953	2,7342	1930	2,702	2,62	2,80
SIH-CH-01	2111100P040	001	2211121J018	031							30,52	30,65
SIH-CH-01	2111100P040	002	2211121J018	032	SST	110	1903	209,33	1880	206,8	208,27	208,34
SIH-CH-01	2111100P040	007	2211121J018	033							24,14	24,25

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-01	2111100P040	003	2211121J018	034	BRASS	1,4	1903	2,6642	1880	2,632	2,62	2,76
SIH-CH-01	2111100P039	005	2211121J018	035	SST	110	1853	203,83	1840	202,4	201,96	201,98
SIH-CH-01	2111100P039	002	2211121J018	036	SST	110	1853	203,83	1840	202,4	201,68	201,64
SIH-CH-01	2111100P043	006	2211121J018	037	BRASS	1,4	2054	2,8756	2020	2,828	2,76	2,84
SIH-CH-01	2111100P041	002	2211121J018	038	SST	110	1953	214,83	1930	212,3	212,85	212,87
SIH-CH-01	2111100P041	008	2211121J018	039	SST	110	1953	214,83	1930	212,3	212,04	212,41
SIH-CH-01	2111100P041	009	2211121J018	040	BRASS	1,4	1953	2,7342	1930	2,702	2,62	2,74
SIH-CH-01	2111100P041	006	2211121J018	041	BRASS	1,4	1953	2,7342	1930	2,702	2,62	2,75
SIH-CH-01	2111100P040	005	2211121J018	042	SST	110	1903	209,33	1880	206,8	208,61	208,65
SIH-CH-01	2111100P040	008	2211121J018	043	SST	110	1903	209,33	1880	206,8	208,48	208,46
SIH-CH-01	2111100P040	009	2211121J018	044	BRASS	1,4	1903	2,6642	1880	2,632	2,56	2,67
SIH-CH-01	2111100P040	006	2211121J018	045	BRASS	1,4	1903	2,6642	1880	2,632	2,56	2,65
SIH-CH-01	2111100P045	009	2211121J018	046	BRASS	1,4	2154	3,0156	2140	2,996	2,89	3,05
SIH-CH-01	2111100P045	007	2211121J018	047							25,68	25,84
SIH-CH-01	2111100P039	003	2211121J018	048	BRASS	1,4	1853	2,5942	1840	2,576	2,56	2,62
SIH-CH-01	2111100P039	006	2211121J018	049	BRASS	1,4	1853	2,5942	1840	2,576	2,49	2,56
SIH-CH-01	2111100P017	001	2211121J018	050							28,30	28,40
SIH-CH-01	2111100P017	002	2211121J018	051	SST	110	2126	233,86	2180	239,8	230,79	230,47
SIH-CH-01	2111100P017	003	2211121J018	052	SST	110	2126	233,86	2180	239,8	230,42	230,11
SIH-CH-01	2111100P016	001	2211121J018	053					2040		27,70	27,82
SIH-CH-01	2111100P016	002	2211121J018	054	SST	110	2076	228,36	2040	224,4	226,78	226,67
SIH-CH-01	2111100P016	003	2211121J018	055	SST	110	2076	228,36	2040	224,4	228,74	228,72
SIH-CH-01	2111100P045	003	2211121J018	056	BRASS	1,4	2154	3,0156	2140	2,996	2,89	3,02
SIH-CH-01	2111100P045	006	2211121J018	057	BRASS	1,4	2154	3,0156	2140	2,996	2,89	3,00
SIH-CH-01	2111100P039	007	2211121J018	058							22,66	22,77
SIH-CH-01	2111100P039	004	2211121J018	059	BRASS	1,4	1853	2,5942	1840	2,576	2,56	2,66
SIH-CH-01	2111100P039	009	2211121J018	060	BRASS	1,4	1853	2,5942	1840	2,576	2,49	2,63
SIH-CH-01	2111100P017	004	2211121J018	061	SST	110	2126	233,86	2180	239,8	231,67	231,32
SIH-CH-01	2111100P017	007	2211121J018	062	SST	110	2126	233,86	2180	239,8	231,06	230,68
SIH-CH-01	2111100P017	008	2211121J018	063	SST	110	2126	233,86	2180	239,8	231,06	230,69
SIH-CH-01	2111100P016	004	2211121J018	064	SST	110	2076	228,36	2040	224,4	227,56	227,52
SIH-CH-01	2111100P016	007	2211121J018	065	SST	110	2076	228,36	2040	224,4	227,56	227,58
SIH-CH-01	2111100P016	008	2211121J018	066	SST	110	2076	228,36	2040	224,4	227,75	225,91

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-01	2111100P045	001	2211121J018	067							32,68	33,21
SIH-CH-01	2111100P013	007	2211121J018	068	SST	110	1925	211,75	1920	211,2	214,40	214,26
SIH-CH-01	2111100P013	002	2211121J018	069	SST	110	1925	211,75	1920	211,2	212,72	212,70
SIH-CH-01	2111100P013	003	2211121J018	070	SST	110	1925	211,75	1920	211,2	213,02	212,95
SIH-CH-01	2111100P014	001	2211121J018	071							27,16	27,23
SIH-CH-01	2111100P014	003	2211121J018	072	SST	110	1975	217,25	1950	214,5	215,48	215,37
SIH-CH-01	2111100P014	004	2211121J018	073	SST	110	1975	217,25	1950	214,5	216,28	216,52
SIH-CH-01	2111100P015	008	2211121J018	074	SST	110	2026	222,86	2010	221,1	223,59	223,42
SIH-CH-01	2111100P015	007	2211121J018	075	SST	110	2026	222,86	2010	221,1	224,83	224,67
SIH-CH-01	2111100P015	002	2211121J018	076	SST	110	2026	222,86	2010	221,1	225,88	225,73
SIH-CH-01	2111100P045	005	2211121J018	077	SST	110	2154	236,94	2140	235,4	235,60	235,69
SIH-CH-01	2111100P013	008	2211121J018	078	SST	110	1925	211,75	1920	211,2	212,22	212,45
SIH-CH-01	2111100P013	004	2211121J018	079	SST	110	1925	211,75	1920	211,2	213,56	213,52
SIH-CH-01	2111100P014	007	2211121J018	080	SST	110	1975	217,25	1950	214,5	216,93	216,82
SIH-CH-01	2111100P014	002	2211121J018	081	SST	110	1975	217,25	1950	214,5	216,19	216,14
SIH-CH-01	2111100P014	008	2211121J018	082	SST	110	1975	217,25	1950	214,5	217,60	217,45
SIH-CH-01	2111100P015	001	2211121J018	083							27,50	27,60
SIH-CH-01	2111100P015	003	2211121J018	084	SST	110	2026	222,86	2010	221,1	224,17	224,09
SIH-CH-01	2111100P015	004	2211121J018	085	SST	110	2026	222,86	2010	221,1	224,13	224,01
SIH-CH-01	2111100P045	008	2211121J018	086	SST	110	2154	236,94	2140	235,4	235,40	235,47
SIH-CH-01	2111100P013	001	2211121J018	087							26,63	26,70
SIH-CH-01	2111100P011	007	2211121J018	088	SST	110	1825	200,75	1820	200,2	202,69	202,57
SIH-CH-01	2111100P011	008	2211121J018	089	SST	110	1825	200,75	1820	200,2	202,19	202,06
SIH-CH-01	2111100P011	004	2211121J018	090	SST	110	1825	200,75	1820	200,2	203,23	203,12
SIH-CH-01	2111100P012	002	2211121J018	091	SST	110	1875	206,25	1845	202,95	204,17	204,05
SIH-CH-01	2111100P012	007	2211121J018	092	SST	110	1875	206,25	1845	202,95	204,88	204,84
SIH-CH-01	2111100P012	008	2211121J018	093	SST	110	1875	206,25	1845	202,95	204,34	204,27
SIH-CH-01	2111100P045	002	2211121J018	094	SST	110	2154	236,94	2140	235,4	235,64	235,66
SIH-CH-01	2111100P011	001	2211121J018	095							25,82	25,86
SIH-CH-01	2111100P011	002	2211121J018	096	SST	110	1825	200,75	1820	200,2	201,25	201,26
SIH-CH-01	2111100P011	003	2211121J018	097	SST	110	1825	200,75	1820	200,2	202,28	202,32
SIH-CH-01	2111100P012	001	2211121J018	098							26,22	26,33
SIH-CH-01	2111100P012	003	2211121J018	099	SST	110	1875	206,25	1845	202,95	205,55	205,45

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS
SIH-CH-01	2111100P012	004	2211121J018	100	SST	110	1875	206,25	1845	202,95	206,03	205,94
SIH-CH-02	2111100P055	021	2211121J016	003							40,28	40,43
SIH-CH-02	2111100P055	009	2211121J016	004	SST	110	3064	337,04	2980	327,8	333,73	333,63
SIH-CH-02	2111100P055	019	2211121J016	005	SST	110	3064	337,04	2980	327,8	333,86	333,66
SIH-CH-02	2111100P055	020	2211121J016	006	SST	110	3064	337,04	2980	327,8	333,39	333,21
SIH-CH-02	2111100P055	010	2211121J016	007	SST	110	3064	337,04	2980	327,8	334,18	333,97
SIH-CH-02	2111100P055	001	2211121J016	010							29,25	29,37
SIH-CH-02	2111100P055	014	2211121J016	011	BRASS	1,4	3064	4,2896	2980	4,172	4,03	4,18
SIH-CH-02	2111100P055	013	2211121J016	012	BRASS	1,4	3064	4,2896	2980	4,172	4,03	4,19
SIH-CH-02	2111100P055	017	2211121J016	013							29,65	29,82
SIH-CH-02	2111100P055	016	2211121J016	014	BRASS	1,4	3064	4,2896	2980	4,172	4,10	4,19
SIH-CH-02	2111100P055	015	2211121J016	015	BRASS	1,4	3064	4,2896	2980	4,172	4,03	4,18
SIH-CH-02	2111100P055	012	2211121J016	019	BRASS	1,4	3064	4,2896	2980	4,172	4,10	4,17
SIH-CH-02	2111100P055	002	2211121J016	020	BRASS	1,4	3064	4,2896	2980	4,172	4,03	4,18
SIH-CH-02	2111100P055	003	2211121J016	021	BRASS	1,4	3064	4,2896	2980	4,172	4,03	4,23
SIH-CH-02	2111100P055	006	2211121J016	022	BRASS	1,4	3064	4,2896	2980	4,172	4,17	4,24
SIH-CH-02	2111100P055	004	2211121J016	023	BRASS	1,4	3064	4,2896	2980	4,172	4,10	4,25
SIH-CH-02	2111100P055	005	2211121J016	024	BRASS	1,4	3064	4,2896	2980	4,172	4,10	4,24
SIH-CH-02	2111100P054	010	2211121J016	025	SST	110	3021	332,31	2960	325,6	327,67	327,49
SIH-CH-02	2111100P054	019	2211121J016	027	SST	110	3021	332,31	2960	325,6	329,42	329,23
SIH-CH-02	2111100P054	020	2211121J016	028	SST	110	3021	332,31	2960	325,6	330,30	330,09
SIH-CH-02	2111100P054	001	2211121J016	029							29,18	29,29
SIH-CH-02	2111100P054	013	2211121J016	030	BRASS	1,4	3021	4,2294	2960	4,144	4,03	4,19
SIH-CH-02	2111100P054	002	2211121J016	031	BRASS	1,4	3021	4,2294	2960	4,144	4,03	4,18
SIH-CH-02	2111100P054	017	2211121J016	032							29,92	30,04
SIH-CH-02	2111100P054	015	2211121J016	033	BRASS	1,4	3021	4,2294	2960	4,144	4,03	4,16
SIH-CH-02	2111100P054	016	2211121J016	034	BRASS	1,4	3021	4,2294	2960	4,144	4,10	4,18
SIH-CH-02	2111100P054	021	2211121J016	037							39,53	39,69
SIH-CH-02	2111100P054	009	2211121J016	038	SST	110	3021	332,31	2960	325,6	327,74	327,57
SIH-CH-02	2111100P054	012	2211121J016	040	BRASS	1,4	3021	4,2294	2960	4,144	4,03	4,14
SIH-CH-02	2111100P054	003	2211121J016	041	BRASS	1,4	3021	4,2294	2960	4,144	4,03	4,18
SIH-CH-02	2111100P054	014	2211121J016	042	BRASS	1,4	3021	4,2294	2960	4,144	4,03	4,13

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS
SIH-CH-02	2111100P054	006	2211121J016	043	BRASS	1,4	3021	4,2294	2960	4,144	4,10	4,16
SIH-CH-02	2111100P054	005	2211121J016	044	BRASS	1,4	3021	4,2294	2960	4,144	4,10	4,20
SIH-CH-02	2111100P054	004	2211121J016	045	BRASS	1,4	3021	4,2294	2960	4,144	4,03	4,19
SIH-CH-02	2111100P053	021	2211121J016	047							40,61	40,78
SIH-CH-02	2111100P053	019	2211121J016	048	SST	110	3002	330,22	2940	323,4	326,33	326,16
SIH-CH-02	2111100P053	020	2211121J016	049	SST	110	3002	330,22	2940	323,4	327,47	327,31
SIH-CH-02	2111100P053	001	2211121J016	050							29,38	29,46
SIH-CH-02	2111100P053	014	2211121J016	051	BRASS	1,4	3002	4,2028	2940	4,116	3,97	4,14
SIH-CH-02	2111100P053	013	2211121J016	052	BRASS	1,4	3002	4,2028	2940	4,116	4,03	4,14
SIH-CH-02	2111100P053	017	2211121J016	053							29,38	29,54
SIH-CH-02	2111100P053	015	2211121J016	054	BRASS	1,4	3002	4,2028	2940	4,116	4,03	4,16
SIH-CH-02	2111100P053	016	2211121J016	055	BRASS	1,4	3002	4,2028	2940	4,116	3,97	4,16
SIH-CH-02	2111100P053	009	2211121J016	059	SST	110	3002	330,22	2940	323,4	328,41	328,14
SIH-CH-02	2111100P053	010	2211121J016	060	SST	110	3002	330,22	2940	323,4	326,33	326,22
SIH-CH-02	2111100P053	012	2211121J016	061	BRASS	1,4	3002	4,2028	2940	4,116	4,03	4,14
SIH-CH-02	2111100P053	002	2211121J016	062	BRASS	1,4	3002	4,2028	2940	4,116	4,03	4,15
SIH-CH-02	2111100P053	003	2211121J016	063	BRASS	1,4	3002	4,2028	2940	4,116	4,03	4,15
SIH-CH-02	2111100P053	006	2211121J016	064	BRASS	1,4	3002	4,2028	2940	4,116	4,03	4,11
SIH-CH-02	2111100P053	005	2211121J016	065	BRASS	1,4	3002	4,2028	2940	4,116	3,97	4,15
SIH-CH-02	2111100P053	004	2211121J016	066	BRASS	1,4	3002	4,2028	2940	4,116	3,97	4,15
SIH-CH-02	2111100P025	003	2211121J016	069							26,97	27,12
SIH-CH-02	2111100P025	001	2211121J016	070	BRASS	7,8	1870	14,586	1840	14,352	14,19	14,18
SIH-CH-02	2111100P025	002	2211121J016	071	BRASS	7,8	1870	14,586	1840	14,352	14,05	14,21
SIH-CH-02	2111100P028	001	2211121J016	072	BRASS	7,8	2020	15,756	2010	15,678	15,66	15,79
SIH-CH-02	2111100P028	002	2211121J016	073	BRASS	7,8	2020	15,756	2010	15,678	15,60	15,65
SIH-CH-02	2111100P029	001	2211121J016	074	BRASS	7,8	2071	16,154	2040	15,912	15,80	15,82
SIH-CH-02	2111100P029	002	2211121J016	075	BRASS	7,8	2071	16,154	2040	15,912	15,80	15,77
SIH-CH-02	2111100P029	003	2211121J016	076					2040		29,04	29,22
SIH-CH-02	2111100P025	006	2211121J016	079	BRASS	7,8	1870	14,586	1840	14,352	14,12	14,21
SIH-CH-02	2111100P025	007	2211121J016	080	BRASS	7,8	1870	14,586	1840	14,352	14,12	14,23
SIH-CH-02	2111100P028	006	2211121J016	081	BRASS	7,8	2020	15,756	2010	15,678	15,60	15,62
SIH-CH-02	2111100P028	007	2211121J016	082	BRASS	7,8	2020	15,756	2010	15,678	15,60	15,67
SIH-CH-02	2111100P028	003	2211121J016	083							28,64	29,08

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS
SIH-CH-02	2111100P029	006	2211121J016	084	BRASS	7,8	2071	16,154	2040	15,912	15,80	15,82
SIH-CH-02	2111100P029	007	2211121J016	085	BRASS	7,8	2071	16,154	2040	15,912	15,73	15,84
SIH-CH-02	2111100P026	001	2211121J016	089	BRASS	7,8	1920	14,976	1885	14,703	14,52	14,60
SIH-CH-02	2111100P026	002	2211121J016	090	BRASS	7,8	1920	14,976	1885	14,703	14,52	14,59
SIH-CH-02	2111100P027	001	2211121J016	091	BRASS	7,8	1970	15,366	1920	14,976	14,86	14,92
SIH-CH-02	2111100P027	002	2211121J016	092	BRASS	7,8	1970	15,366	1920	14,976	14,86	14,95
SIH-CH-02	2111100P027	003	2211121J016	093							27,97	28,11
SIH-CH-02	2111100P026	003	2211121J016	096							27,77	27,97
SIH-CH-02	2111100P026	006	2211121J016	097	BRASS	7,8	1920	14,976	1885	14,703	14,52	14,64
SIH-CH-02	2111100P026	007	2211121J016	098	BRASS	7,8	1920	14,976	1885	14,703	14,46	14,56
SIH-CH-02	2111100P027	006	2211121J016	099	BRASS	7,8	1970	15,366	1920	14,976	14,86	14,92
SIH-CH-02	2111100P027	007	2211121J016	100	BRASS	7,8	1970	15,366	1920	14,976	14,93	14,92
SIH-CH-03	2111100P051	003	2211121J019	001	BRASS	1,4	2162	3,0268	2030	2,842	2,76	2,92
SIH-CH-03	2111100P051	006	2211121J019	002	BRASS	1,4	2162	3,0268	2030	2,842	2,82	2,92
SIH-CH-03	2111100P051	009	2211121J019	003	BRASS	1,4	2162	3,0268	2030	2,842	2,82	2,94
SIH-CH-03	2111100P051	005	2211121J019	004	SST	110	2162	237,82	2030	223,3	226,99	227,18
SIH-CH-03	2111100P051	008	2211121J019	005	SST	110	2162	237,82	2030	223,3	226,55	226,65
SIH-CH-03	2111100P051	002	2211121J019	006	SST	110	2162	237,82	2030	223,3	226,92	227,02
SIH-CH-03	2111100P051	001	2211121J019	007							32,47	32,59
SIH-CH-03	2111100P051	007	2211121J019	008							25,75	25,87
SIH-CH-03	2111100P050	007	2211121J019	009							25,49	25,49
SIH-CH-03	2111100P050	005	2211121J019	010	SST	110	2128	234,08	2120	233,2	224,83	224,94
SIH-CH-03	2111100P050	002	2211121J019	011	SST	110	2128	234,08	2120	233,2	224,33	224,44
SIH-CH-03	2111100P049	005	2211121J019	012	SST	110	2123	233,53	1930	212,3	215,58	215,77
SIH-CH-03	2111100P049	008	2211121J019	013	SST	110	2123	233,53	1930	212,3	215,18	215,31
SIH-CH-03	2111100P049	003	2211121J019	014	BRASS	1,4	2123	2,9722	1930	2,702	2,62	2,77
SIH-CH-03	2111100P049	006	2211121J019	015	BRASS	1,4	2123	2,9722	1930	2,702	2,69	2,73
SIH-CH-03	2111100P046	001	2211121J019	016							29,85	29,95
SIH-CH-03	2111100P050	003	2211121J019	017	BRASS	1,4	2128	2,9792	2120	2,968	2,76	2,86
SIH-CH-03	2111100P050	001	2211121J019	018							31,94	32,08
SIH-CH-03	2111100P050	008	2211121J019	019	SST	110	2128	234,08	2120	233,2	224,67	224,68
SIH-CH-03	2111100P049	001	2211121J019	020							30,80	30,90

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-03	2111100P049	002	2211121J019	021	SST	110	2123	233,53	1930	212,3	215,61	215,72
SIH-CH-03	2111100P049	007	2211121J019	022							23,74	23,91
SIH-CH-03	2111100P049	004	2211121J019	023	BRASS	1,4	2123	2,9722	1930	2,702	2,62	2,78
SIH-CH-03	2111100P049	009	2211121J019	024	BRASS	1,4	2123	2,9722	1930	2,702	2,62	2,76
SIH-CH-03	2111100P046	005	2211121J019	025	SST	110	2028	223,08	1830	201,3	201,75	201,73
SIH-CH-03	2111100P050	009	2211121J019	026	BRASS	1,4	2128	2,9792	2120	2,968	2,76	2,87
SIH-CH-03	2111100P048	001	2211121J019	027							31,00	31,19
SIH-CH-03	2111100P048	005	2211121J019	028	SST	110	2078	228,58	1930	212,3	211,68	211,88
SIH-CH-03	2111100P048	007	2211121J019	029							24,68	24,73
SIH-CH-03	2111100P048	003	2211121J019	030	BRASS	1,4	2078	2,9092	1930	2,702	2,62	2,78
SIH-CH-03	2111100P047	001	2211121J019	031							30,06	30,20
SIH-CH-03	2111100P047	002	2211121J019	032	SST	110	2075	228,25	1840	202,4	205,72	205,75
SIH-CH-03	2111100P047	007	2211121J019	033							24,41	24,52
SIH-CH-03	2111100P047	003	2211121J019	034	BRASS	1,4	2075	2,905	1840	2,576	2,56	2,70
SIH-CH-03	2111100P046	002	2211121J019	035	SST	110	2028	223,08	1830	201,3	201,54	201,54
SIH-CH-03	2111100P046	008	2211121J019	036	SST	110	2028	223,08	1830	201,3	201,65	201,70
SIH-CH-03	2111100P050	006	2211121J019	037	BRASS	1,4	2128	2,9792	2120	2,968	2,82	2,86
SIH-CH-03	2111100P048	002	2211121J019	038	SST	110	2078	228,58	1930	212,3	211,61	211,78
SIH-CH-03	2111100P048	008	2211121J019	039	SST	110	2078	228,58	1930	212,3	211,21	211,30
SIH-CH-03	2111100P048	009	2211121J019	040	BRASS	1,4	2078	2,9092	1930	2,702	2,56	2,70
SIH-CH-03	2111100P048	006	2211121J019	041	BRASS	1,4	2078	2,9092	1930	2,702	2,62	2,69
SIH-CH-03	2111100P047	005	2211121J019	042	SST	110	2075	228,25	1840	202,4	205,08	205,27
SIH-CH-03	2111100P047	008	2211121J019	043	SST	110	2075	228,25	1840	202,4	205,58	205,60
SIH-CH-03	2111100P047	009	2211121J019	044							2,56	2,64
SIH-CH-03	2111100P047	006	2211121J019	045	BRASS	1,4	2075	2,905	1840	2,576	2,56	2,63
SIH-CH-03	2111100P052	009	2211121J019	046	BRASS	1,4	2172	3,0408	2110	2,954	2,89	3,00
SIH-CH-03	2111100P052	007	2211121J019	047							26,09	26,24
SIH-CH-03	2111100P046	003	2211121J019	048	BRASS	1,4	2028	2,8392	1830	2,562	2,49	2,59
SIH-CH-03	2111100P046	006	2211121J019	049	BRASS	1,4	2028	2,8392	1830	2,562	2,42	2,54
SIH-CH-03	2111100P024	001	2211121J019	050							25,15	25,32
SIH-CH-03	2111100P024	002	2211121J019	051	SST	110	2024	222,64	2080	228,8	231,56	231,44
SIH-CH-03	2111100P024	003	2211121J019	052	SST	110	2024	222,64	2080	228,8	230,35	230,33
SIH-CH-03	2111100P023	001	2211121J019	053							25,08	25,18

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-03	2111100P023	002	2211121J019	054	SST	110	1977	217,47	2050	225,5	228,33	228,29
SIH-CH-03	2111100P023	003	2211121J019	055	SST	110	1977	217,47	2050	225,5	228,20	228,10
SIH-CH-03	2111100P052	003	2211121J019	056	BRASS	1,4	2172	3,0408	2110	2,954	2,89	3,03
SIH-CH-03	2111100P052	006	2211121J019	057	BRASS	1,4	2172	3,0408	2110	2,954	2,89	2,98
SIH-CH-03	2111100P046	007	2211121J019	058							23,26	23,40
SIH-CH-03	2111100P046	004	2211121J019	059	BRASS	1,4	2028	2,8392	1830	2,562	2,42	2,59
SIH-CH-03	2111100P046	009	2211121J019	060	BRASS	1,4	2028	2,8392	1830	2,562	2,49	2,59
SIH-CH-03	2111100P024	004	2211121J019	061	SST	110	2024	222,64	2080	228,8	232,57	232,53
SIH-CH-03	2111100P024	007	2211121J019	062	SST	110	2024	222,64	2080	228,8	231,97	231,86
SIH-CH-03	2111100P024	008	2211121J019	063	SST	110	2024	222,64	2080	228,8	231,36	231,18
SIH-CH-03	2111100P023	004	2211121J019	064	SST	110	1977	217,47	2050	225,5	228,54	228,50
SIH-CH-03	2111100P023	007	2211121J019	065	SST	110	1977	217,47	2050	225,5	228,06	227,95
SIH-CH-03	2111100P023	008	2211121J019	066	SST	110	1977	217,47	2050	225,5	229,11	229,00
SIH-CH-03	2111100P052	001	2211121J019	067							32,88	32,96
SIH-CH-03	2111100P020	007	2211121J019	068	SST	110	1922	211,42	1895	208,45	209,66	209,61
SIH-CH-03	2111100P020	002	2211121J019	069	SST	110	1922	211,42	1895	208,45	209,08	209,28
SIH-CH-03	2111100P020	003	2211121J019	070	SST	110	1922	211,42	1895	208,45	209,82	209,80
SIH-CH-03	2111100P021	001	2211121J019	071							24,21	24,24
SIH-CH-03	2111100P021	003	2211121J019	072	SST	110	1927	211,97	1945	213,95	215,92	215,94
SIH-CH-03	2111100P021	004	2211121J019	073	SST	110	1927	211,97	1945	213,95	214,24	214,24
SIH-CH-03	2111100P022	008	2211121J019	074	SST	110	1974	217,14	1995	219,45	221,44	221,39
SIH-CH-03	2111100P022	007	2211121J019	075	SST	110	1974	217,14	1995	219,45	221,67	221,54
SIH-CH-03	2111100P022	002	2211121J019	076	SST	110	1974	217,14	1995	219,45	222,61	222,58
SIH-CH-03	2111100P052	005	2211121J019	077	SST	110	2172	238,92	2110	232,1	234,86	234,76
SIH-CH-03	2111100P020	008	2211121J019	078	SST	110	1922	211,42	1895	208,45	209,66	209,68
SIH-CH-03	2111100P020	004	2211121J019	079	SST	110	1922	211,42	1895	208,45	210,97	210,88
SIH-CH-03	2111100P021	007	2211121J019	080	SST	110	1927	211,97	1945	213,95	216,86	216,89
SIH-CH-03	2111100P021	002	2211121J019	081	SST	110	1927	211,97	1945	213,95	215,88	215,82
SIH-CH-03	2111100P021	008	2211121J019	082	SST	110	1927	211,97	1945	213,95	215,18	215,18
SIH-CH-03	2111100P022	001	2211121J019	083							24,54	24,67
SIH-CH-03	2111100P022	003	2211121J019	084	SST	110	1974	217,14	1995	219,45	220,53	220,49
SIH-CH-03	2111100P022	004	2211121J019	085	SST	110	1974	217,14	1995	219,45	221,67	221,63
SIH-CH-03	2111100P052	008	2211121J019	086	SST	110	2172	238,92	2110	232,1	233,92	233,97

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS
SIH-CH-03	2111100P020	001	2211121J019	087							23,47	23,66
SIH-CH-03	2111100P018	007	2211121J019	088	SST	110	1876	206,36	1800	198	199,77	199,75
SIH-CH-03	2111100P018	008	2211121J019	089	SST	110	1876	206,36	1800	198	200,80	200,78
SIH-CH-03	2111100P018	004	2211121J019	090	SST	110	1876	206,36	1800	198	199,73	199,75
SIH-CH-03	2111100P019	002	2211121J019	091	SST	110	1881	206,91	1860	204,6	205,99	205,96
SIH-CH-03	2111100P019	007	2211121J019	092	SST	110	1881	206,91	1860	204,6	206,46	206,39
SIH-CH-03	2111100P019	008	2211121J019	093	SST	110	1881	206,91	1860	204,6	207,40	207,33
SIH-CH-03	2111100P052	002	2211121J019	094	SST	110	2172	238,92	2110	232,1	234,43	234,53
SIH-CH-03	2111100P018	001	2211121J019	095							23,13	23,25
SIH-CH-03	2111100P018	002	2211121J019	096	SST	110	1876	206,36	1800	198	199,30	199,33
SIH-CH-03	2111100P018	003	2211121J019	097	SST	110	1876	206,36	1800	198	198,69	198,80
SIH-CH-03	2111100P019	001	2211121J019	098							23,34	23,48
SIH-CH-03	2111100P019	003	2211121J019	099	SST	110	1881	206,91	1860	204,6	206,19	206,16
SIH-CH-03	2111100P019	004	2211121J019	100	SST	110	1881	206,91	1860	204,6	206,39	206,43
SIH-CH-04	2111100P058	021	2211121J020	003							40,01	40,19
SIH-CH-04	2111100P058	009	2211121J020	004	SST	110	3012	331,32	2970	326,7	331,44	331,27
SIH-CH-04	2111100P058	019	2211121J020	005	SST	110	3012	331,32	2970	326,7	333,17	333,04
SIH-CH-04	2111100P058	020	2211121J020	006	SST	110	3012	331,32	2970	326,7	333,91	333,75
SIH-CH-04	2111100P058	010	2211121J020	007	SST	110	3012	331,32	2970	326,7	331,15	331,06
SIH-CH-04	2111100P058	001	2211121J020	010							29,72	29,93
SIH-CH-04	2111100P058	014	2211121J020	011	BRASS	1,4	3012	4,2168	2970	4,158	4,03	4,17
SIH-CH-04	2111100P058	013	2211121J020	012	BRASS	1,4	3012	4,2168	2970	4,158	4,03	4,19
SIH-CH-04	2111100P058	017	2211121J020	013							29,79	29,91
SIH-CH-04	2111100P058	016	2211121J020	014	BRASS	1,4	3012	4,2168	2970	4,158	4,10	4,16
SIH-CH-04	2111100P058	015	2211121J020	015	BRASS	1,4	3012	4,2168	2970	4,158	4,10	4,16
SIH-CH-04	2111100P058	012	2211121J020	019	BRASS	1,4	3012	4,2168	2970	4,158	4,10	4,17
SIH-CH-04	2111100P058	004	2211121J020	020	BRASS	1,4	3012	4,2168	2970	4,158	4,10	4,19
SIH-CH-04	2111100P058	003	2211121J020	021	BRASS	1,4	3012	4,2168	2970	4,158	4,03	4,23
SIH-CH-04	2111100P058	006	2211121J020	022	BRASS	1,4	3012	4,2168	2970	4,158	4,10	4,21
SIH-CH-04	2111100P058	002	2211121J020	023	BRASS	1,4	3012	4,2168	2970	4,158	4,10	4,22
SIH-CH-04	2111100P058	005	2211121J020	024	BRASS	1,4	3012	4,2168	2970	4,158	4,03	4,22
SIH-CH-04	2111100P057	019	2211121J020	027	SST	110	3041	334,51	2990	328,9	334,71	334,48

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS
SIH-CH-04	2111100P057	020	2211121J020	028	SST	110	3041	334,51	2990	328,9	334,13	334,00
SIH-CH-04	2111100P057	001	2211121J020	029							29,18	29,31
SIH-CH-04	2111100P057	013	2211121J020	030	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,24
SIH-CH-04	2111100P057	004	2211121J020	031	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,25
SIH-CH-04	2111100P057	017	2211121J020	032						0	29,65	29,78
SIH-CH-04	2111100P057	015	2211121J020	033	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,20
SIH-CH-04	2111100P057	016	2211121J020	034	BRASS	1,4	3041	4,2574	2990	4,186	4,17	4,22
SIH-CH-04	2111100P057	021	2211121J020	037							40,14	40,22
SIH-CH-04	2111100P057	009	2211121J020	038	SST	110	3041	334,51	2990	328,9	333,71	333,50
SIH-CH-04	2111100P057	010	2211121J020	039	SST	110	3041	334,51	2990	328,9	333,91	333,67
SIH-CH-04	2111100P057	012	2211121J020	040	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,19
SIH-CH-04	2111100P057	003	2211121J020	041	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,24
SIH-CH-04	2111100P057	014	2211121J020	042	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,19
SIH-CH-04	2111100P057	006	2211121J020	043	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,20
SIH-CH-04	2111100P057	005	2211121J020	044	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,24
SIH-CH-04	2111100P057	002	2211121J020	045	BRASS	1,4	3041	4,2574	2990	4,186	4,10	4,21
SIH-CH-04	2111100P056	021	2211121J020	047							40,21	40,31
SIH-CH-04	2111100P056	019	2211121J020	048	SST	110	3077	338,47	3010	331,1	336,26	335,99
SIH-CH-04	2111100P056	020	2211121J020	049	SST	110	3077	338,47	3010	331,1	335,52	335,22
SIH-CH-04	2111100P056	001	2211121J020	050							29,59	29,71
SIH-CH-04	2111100P056	014	2211121J020	051	BRASS	1,4	3077	4,3078	3010	4,214	4,10	4,25
SIH-CH-04	2111100P056	013	2211121J020	052	BRASS	1,4	3077	4,3078	3010	4,214	4,10	4,26
SIH-CH-04	2111100P056	017	2211121J020	053							30,19	30,31
SIH-CH-04	2111100P056	015	2211121J020	054	BRASS	1,4	3077	4,3078	3010	4,214	4,17	4,27
SIH-CH-04	2111100P056	016	2211121J020	055	BRASS	1,4	3077	4,3078	3010	4,214	4,17	4,27
SIH-CH-04	2111100P056	009	2211121J020	059	SST	110	3077	338,47	3010	331,1	336,13	335,90
SIH-CH-04	2111100P056	010	2211121J020	060	SST	110	3077	338,47	3010	331,1	335,59	335,33
SIH-CH-04	2111100P056	012	2211121J020	061	BRASS	1,4	3077	4,3078	3010	4,214	4,10	4,24
SIH-CH-04	2111100P056	004	2211121J020	062	BRASS	1,4	3077	4,3078	3010	4,214	4,10	4,28
SIH-CH-04	2111100P056	003	2211121J020	063	BRASS	1,4	3077	4,3078	3010	4,214	4,10	4,26
SIH-CH-04	2111100P056	006	2211121J020	064	BRASS	1,4	3077	4,3078	3010	4,214	4,17	4,22
SIH-CH-04	2111100P056	005	2211121J020	065	BRASS	1,4	3077	4,3078	3010	4,214	4,17	4,27
SIH-CH-04	2111100P056	002	2211121J020	066	BRASS	1,4	3077	4,3078	3010	4,214	4,17	4,24

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-04	2111100P032	003	2211121J020	069							27,90	28,09
SIH-CH-04	2111100P032	001	2211121J020	070	BRASS	7,8	2007	15,655	1930	15,054	14,93	14,91
SIH-CH-04	2111100P032	002	2211121J020	071	BRASS	7,8	2007	15,655	1930	15,054	14,86	14,95
SIH-CH-04	2111100P035	001	2211121J020	072	BRASS	7,8	2148	16,754	2085	16,263	16,07	16,15
SIH-CH-04	2111100P035	002	2211121J020	073	BRASS	7,8	2148	16,754	2085	16,263	16,14	16,15
SIH-CH-04	2111100P036	001	2211121J020	074	BRASS	7,8	2199	17,152	2130	16,614	16,41	16,46
SIH-CH-04	2111100P036	002	2211121J020	075	BRASS	7,8	2199	17,152	2130	16,614	16,41	16,46
SIH-CH-04	2111100P036	003	2211121J020	076							29,99	30,14
SIH-CH-04	2111100P032	006	2211121J020	079	BRASS	7,8	2007	15,655	1930	15,054	14,86	14,93
SIH-CH-04	2111100P032	007	2211121J020	080	BRASS	7,8	2007	15,655	1930	15,054	14,79	14,94
SIH-CH-04	2111100P035	006	2211121J020	081	BRASS	7,8	2148	16,754	2085	16,263	16,07	16,12
SIH-CH-04	2111100P035	007	2211121J020	082	BRASS	7,8	2148	16,754	2085	16,263	16,07	16,13
SIH-CH-04	2111100P035	003	2211121J020	083							29,39	29,47
SIH-CH-04	2111100P036	006	2211121J020	084	BRASS	7,8	2199	17,152	2130	16,614	16,41	16,48
SIH-CH-04	2111100P036	007	2211121J020	085	BRASS	7,8	2199	17,152	2130	16,614	16,47	16,47
SIH-CH-04	2111100P033	001	2211121J020	089	BRASS	7,8	2049	15,982	1980	15,444	15,20	15,25
SIH-CH-04	2111100P033	002	2211121J020	090	BRASS	7,8	2049	15,982	1980	15,444	15,20	15,25
SIH-CH-04	2111100P034	001	2211121J020	091	BRASS	7,8	2098	16,364	2030	15,834	15,73	15,74
SIH-CH-04	2111100P034	002	2211121J020	092	BRASS	7,8	2098	16,364	2030	15,834	15,67	15,74
SIH-CH-04	2111100P034	003	2211121J020	093							28,98	29,10
SIH-CH-04	2111100P033	003	2211121J020	096							28,51	28,64
SIH-CH-04	2111100P033	006	2211121J020	097	BRASS	7,8	2049	15,982	1980	15,444	15,26	15,30
SIH-CH-04	2111100P033	007	2211121J020	098	BRASS	7,8	2049	15,982	1980	15,444	15,20	15,26
SIH-CH-04	2111100P034	006	2211121J020	099	BRASS	7,8	2098	16,364	2030	15,834	15,73	15,74
SIH-CH-04	2111100P034	007	2211121J020	100	BRASS	7,8	2098	16,364	2030	15,834	15,60	15,71
SIH-CH-05	2111100P068	008	2211121J017	009	BRASS	7,8	1430	11,154	1315	10,257	10,36	10,53
SIH-CH-05	2111100P068	017	2211121J017	010	BRASS	7,8	1430	11,154	1315	10,257	10,62	10,74
SIH-CH-05	2111100P068	004	2211121J017	011							23,87	24,11
SIH-CH-05	2111100P068	005	2211121J017	012	BRASS	7,8	1430	11,154	1315	10,257	10,62	10,76
SIH-CH-05	2111100P068	014	2211121J017	013	BRASS	7,8	1430	11,154	1315	10,257	10,56	10,64
SIH-CH-05	2111100P068	002	2211121J017	014	BRASS	7,8	1430	11,154	1315	10,257	10,49	10,56
SIH-CH-05	2111100P068	006	2211121J017	015	BRASS	7,8	1430	11,154	1315	10,257	10,56	10,63

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS
SIH-CH-05	2111100P068	018	2211121J017	017	BRASS	7,8	1430	11,154	1315	10,257	10,49	10,56
SIH-CH-05	2111100P068	016	2211121J017	018							23,47	23,77
SIH-CH-05	2111100P068	015	2211121J017	020	BRASS	7,8	1430	11,154	1315	10,257	10,69	10,75
SIH-CH-05	2111100P068	013	2211121J017	021							23,60	23,65
SIH-CH-05	2111100P068	003	2211121J017	022	BRASS	7,8	1430	11,154	1315	10,257	10,49	10,64
SIH-CH-05	2111100P068	001	2211121J017	023							23,87	23,97
SIH-CH-05	2111100P068	012	2211121J017	024	BRASS	7,8	1430	11,154	1315	10,257	10,49	10,59
SIH-CH-05	2111100P068	007	2211121J017	028							23,74	23,84
SIH-CH-05	2111100P067	008	2211121J017	029	BRASS	7,8	1468	11,45	1405	10,959	11,03	11,21
SIH-CH-05	2111100P067	016	2211121J017	030							24,81	24,91
SIH-CH-05	2111100P067	017	2211121J017	031	BRASS	7,8	1468	11,45	1405	10,959	11,16	11,28
SIH-CH-05	2111100P067	005	2211121J017	032	BRASS	7,8	1468	11,45	1405	10,959	11,16	11,35
SIH-CH-05	2111100P067	013	2211121J017	033						0	24,74	24,84
SIH-CH-05	2111100P067	014	2211121J017	034	BRASS	7,8	1468	11,45	1405	10,959	11,23	11,33
SIH-CH-05	2111100P067	002	2211121J017	035	BRASS	7,8	1468	11,45	1405	10,959	11,30	11,44
SIH-CH-05	2111100P067	007	2211121J017	040							24,61	24,69
SIH-CH-05	2111100P067	018	2211121J017	041	BRASS	7,8	1468	11,45	1405	10,959	11,16	11,20
SIH-CH-05	2111100P067	006	2211121J017	042	BRASS	7,8	1468	11,45	1405	10,959	11,23	11,33
SIH-CH-05	2111100P067	004	2211121J017	043							24,54	24,70
SIH-CH-05	2111100P067	015	2211121J017	044	BRASS	7,8	1468	11,45	1405	10,959	11,09	11,16
SIH-CH-05	2111100P067	003	2211121J017	045	BRASS	7,8	1468	11,45	1405	10,959	11,16	11,25
SIH-CH-05	2111100P067	001	2211121J017	046							24,74	24,88
SIH-CH-05	2111100P067	012	2211121J017	047	BRASS	7,8	1468	11,45	1405	10,959	11,16	11,34
SIH-CH-05	2111100P066	011	2211121J017	049	SST	110	2376	261,36	2335	256,85	259,91	260,06
SIH-CH-05	2111100P066	012	2211121J017	050	SST	110	2376	261,36	2335	256,85	258,81	258,87
SIH-CH-05	2111100P066	005	2211121J017	051							34,36	34,61
SIH-CH-05	2111100P066	006	2211121J017	052	BRASS	7,8	2376	18,533	2335	18,213	18,49	18,59
SIH-CH-05	2111100P065	006	2211121J017	053	BRASS	7,8	2376	18,533	2335	18,213	18,49	18,62
SIH-CH-05	2111100P065	010	2211121J017	054							33,28	33,55
SIH-CH-05	2111100P065	011	2211121J017	055	SST	110	2376	261,36	2335	256,85	261,16	261,22
SIH-CH-05	2111100P065	012	2211121J017	056	SST	110	2376	261,36	2335	256,85	260,35	260,26
SIH-CH-05	2111100P069	007	2211121J017	057	SST	110	2370	260,7	2340	257,4	260,18	260,11
SIH-CH-05	2111100P069	003	2211121J017	058	SST	110	2370	260,7	2340	257,4	261,83	261,69

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-05	2111100P064	015	2211121J017	059	SST	110	1366	150,26	1255	138,05	139,84	139,88
SIH-CH-05	2111100P066	010	2211121J017	060							33,35	33,57
SIH-CH-05	2111100P066	003	2211121J017	061	SST	110	2376	261,36	2335	256,85	260,79	260,93
SIH-CH-05	2111100P066	004	2211121J017	062	SST	110	2376	261,36	2335	256,85	258,87	258,98
SIH-CH-05	2111100P066	013	2211121J017	063	BRASS	7,8	2376	18,533	2335	18,213	18,62	18,72
SIH-CH-05	2111100P065	005	2211121J017	064							34,03	34,17
SIH-CH-05	2111100P065	013	2211121J017	065	BRASS	7,8	2376	18,533	2335	18,213	18,36	18,44
SIH-CH-05	2111100P065	003	2211121J017	066	SST	110	2376	261,36	2335	256,85	261,83	261,85
SIH-CH-05	2111100P065	004	2211121J017	067	SST	110	2376	261,36	2335	256,85	259,88	259,92
SIH-CH-05	2111100P069	002	2211121J017	068							33,62	33,73
SIH-CH-05	2111100P069	001	2211121J017	069	SST	110	2370	260,7	2340	257,4	261,76	261,60
SIH-CH-05	2111100P069	006	2211121J017	070	SST	110	2370	260,7	2340	257,4	260,96	260,77
SIH-CH-05	2111100P064	016	2211121J017	071	SST	110	1366	150,26	1255	138,05	138,98	139,10
SIH-CH-05	2111100P064	001	2211121J017	072							22,79	22,92
SIH-CH-05	2111100P064	012	2211121J017	073	SST	110	1366	150,26	1255	138,05	139,12	139,18
SIH-CH-05	2111100P064	013	2211121J017	074	SST	110	1366	150,26	1255	138,05	138,65	138,70
SIH-CH-05	2111100P064	017	2211121J017	075	SST	110	1366	150,26	1255	138,05	139,64	139,71
SIH-CH-05	2111100P064	018	2211121J017	076	SST	110	1366	150,26	1255	138,05	140,31	140,26
SIH-CH-05	2111100P063	014	2211121J017	077							23,00	23,17
SIH-CH-05	2111100P063	015	2211121J017	078	SST	110	1381	151,91	1270	139,7	142,88	142,98
SIH-CH-05	2111100P063	016	2211121J017	079	SST	110	1381	151,91	1270	139,7	143,47	143,55
SIH-CH-05	2111100P063	012	2211121J017	080	SST	110	1381	151,91	1270	139,7	143,81	143,90
SIH-CH-05	2111100P063	013	2211121J017	081	SST	110	1381	151,91	1270	139,7	143,69	143,79
SIH-CH-05	2111100P064	004	2211121J017	082	SST	110	1366	150,26	1255	138,05	139,12	139,22
SIH-CH-05	2111100P064	005	2211121J017	083	SST	110	1366	150,26	1255	138,05	139,39	139,53
SIH-CH-05	2111100P064	002	2211121J017	084	SST	110	1366	150,26	1255	138,05	138,76	138,86
SIH-CH-05	2111100P064	003	2211121J017	085	SST	110	1366	150,26	1255	138,05	138,83	138,97
SIH-CH-05	2111100P064	006	2211121J017	086							22,66	22,86
SIH-CH-05	2111100P064	007	2211121J017	087	SST	110	1366	150,26	1255	138,05	139,39	139,51
SIH-CH-05	2111100P064	008	2211121J017	088	SST	110	1366	150,26	1255	138,05	139,72	139,78
SIH-CH-05	2111100P063	004	2211121J017	089	SST	110	1381	151,91	1270	139,7	143,13	143,21
SIH-CH-05	2111100P063	005	2211121J017	090	SST	110	1381	151,91	1270	139,7	142,95	143,04
SIH-CH-05	2111100P063	002	2211121J017	091	SST	110	1381	151,91	1270	139,7	144,28	144,32

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CH-05	2111100P063	003	2211121J017	092	SST	110	1381	151,91	1270	139,7	143,83	143,92
SIH-CH-05	2111100P063	001	2211121J017	093							23,27	23,36
SIH-CH-05	2111100P064	014	2211121J017	094							22,46	22,57
SIH-CH-05	2111100P062	019	2211121J017	095							32,75	32,79
SIH-CH-05	2111100P062	018	2211121J017	096	SST	110	2148	236,28	2120	233,2	234,59	234,56
SIH-CH-05	2111100P062	002	2211121J017	097					2120		29,85	29,99
SIH-CH-05	2111100P062	012	2211121J017	098	BRASS	7,8	2148	16,754	2120	16,536	16,27	16,35
SIH-CH-05	2111100P062	003	2211121J017	099	BRASS	7,8	2148	16,754	2120	16,536	16,27	16,38
SIH-CH-05	2111100P059	007	2211121J017	100	SST	110	2801	308,11	2690	295,9	300,08	299,89
SIH-CH-05	2111100P059	008	2211121J017	101	SST	110	2801	308,11	2690	295,9	301,81	301,65
SIH-CH-05	2111100P060	002	2211121J017	102							36,72	36,83
SIH-CH-05	2111100P060	007	2211121J017	103	SST	110	2808	308,88	2690	295,9	301,13	301,05
SIH-CH-05	2111100P060	008	2211121J017	104	SST	110	2808	308,88	2690	295,9	300,33	300,30
SIH-CH-05	2111100P062	005	2211121J017	105							31,87	32,09
SIH-CH-05	2111100P062	007	2211121J017	106	SST	110	2148	236,28	2120	233,2	233,62	233,60
SIH-CH-05	2111100P062	008	2211121J017	107	SST	110	2148	236,28	2120	233,2	234,02	233,98
SIH-CH-05	2111100P062	001	2211121J017	108	BRASS	7,8	2148	16,754	2120	16,536	16,34	16,43
SIH-CH-05	2111100P062	013	2211121J017	109	BRASS	7,8	2148	16,754	2120	16,536	16,27	16,38
SIH-CH-05	2111100P059	002	2211121J017	110							36,91	37,07
SIH-CH-05	2111100P059	003	2211121J017	111	SST	110	2801	308,11	2690	295,9	302,37	302,52
SIH-CH-05	2111100P059	004	2211121J017	112	SST	110	2801	308,11	2690	295,9	300,15	300,00
SIH-CH-05	2111100P060	003	2211121J017	113	SST	110	2808	308,88	2690	295,9	300,42	300,39
SIH-CH-05	2111100P060	004	2211121J017	114	SST	110	2808	308,88	2690	295,9	302,31	302,31
SIH-CH-05	2111100P062	016	2211121J017	115	BRASS	7,8	2148	16,754	2120	16,536	16,68	16,75
SIH-CH-05	2111100P061	016	2211121J017	116	BRASS	7,8	2154	16,801	2120	16,536	16,68	16,72
SIH-CH-05	2111100P061	007	2211121J017	117	SST	110	2154	236,94	2120	233,2	235,84	235,82
SIH-CH-05	2111100P061	018	2211121J017	118	SST	110	2154	236,94	2120	233,2	234,90	234,87
SIH-CH-05	2111100P061	012	2211121J017	119	BRASS	7,8	2154	16,801	2120	16,536	16,47	16,50
SIH-CH-05	2111100P061	003	2211121J017	120	BRASS	7,8	2154	16,801	2120	16,536	16,41	16,55
SIH-CH-05	2111100P061	002	2211121J017	121							29,78	29,92
SIH-CH-05	2111100P062	015	2211121J017	122	BRASS	7,8	2148	16,754	2120	16,536	16,81	16,87
SIH-CH-05	2111100P061	015	2211121J017	123	BRASS	7,8	2154	16,801	2120	16,536	16,74	16,80
SIH-CH-05	2111100P061	005	2211121J017	124							32,01	32,15

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built lth (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS
SIH-CH-05	2111100P061	008	2211121J017	125	SST	110	2154	236,94	2120	233,2	235,67	235,58
SIH-CH-05	2111100P061	019	2211121J017	126							33,08	33,25
SIH-CH-05	2111100P061	001	2211121J017	127	BRASS	7,8	2154	16,801	2120	16,536	16,41	16,53
SIH-CH-05	2111100P061	013	2211121J017	128	BRASS	7,8	2154	16,801	2120	16,536	16,47	16,58

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-01	2211121P018	001	2311100J003	001	BRASS	1,4	2429	3,4006	2,1	2,94	3,06	3,05
SIH-IH-01	2211121P018	002	2311100J003	002	BRASS	1,4	2429	3,4006	2,1	2,94	3,09	3,06
SIH-IH-01	2211121P018	003	2311100J003	003	BRASS	1,4	2429	3,4006	2,1	2,94	3,05	3,05
SIH-IH-01	2211121P018	004	2311100J003	004	SST	110	2429	267,19	2,1	231	244,70	244,04
SIH-IH-01	2211121P018	005	2311100J003	005	SST	110	2429	267,19	2,1	231	245,10	244,52
SIH-IH-01	2211121P018	006	2311100J003	006	SST	110	2429	267,19	2,1	231	245,70	244,68
SIH-IH-01	2211121P018	007	2311100J003	007							36,61	36,05
SIH-IH-01	2211121P018	008	2311100J003	008							27,99	28,21
SIH-IH-01	2211121P018	009	2311100J003	009							28,56	28,57
SIH-IH-01	2211121P018	010	2311100J003	010	SST	110	2429	267,19	2,1	231	246,40	244,70
SIH-IH-01	2211121P018	011	2311100J003	011	SST	110	2429	267,19	2,1	231	245,60	244,61
SIH-IH-01	2211121P018	012	2311100J003	012	SST	110	2429	267,19	2,1	231	242,70	241,92
SIH-IH-01	2211121P018	013	2311100J003	013	SST	110	2429	267,19	2,1	231	244,10	242,05
SIH-IH-01	2211121P018	014	2311100J003	014	BRASS	1,4	2429	3,4006	2,1	2,94	3,07	2,99
SIH-IH-01	2211121P018	015	2311100J003	015	BRASS	1,4	2429	3,4006	2,1	2,94	3,07	2,97
SIH-IH-01	2211121P018	016	2311100J003	016							36,02	35,99
SIH-IH-01	2211121P018	017	2311100J003	017	BRASS	1,4	2429	3,4006	2,1	2,94	3,07	3,00
SIH-IH-01	2211121P018	018	2311100J003	018							35,91	35,87
SIH-IH-01	2211121P018	019	2311100J003	019	SST	110	2429	267,19	2,1	231	244,90	243,99
SIH-IH-01	2211121P018	020	2311100J003	020							36,16	36,08
SIH-IH-01	2211121P018	021	2311100J003	021	SST	110	2429	267,19	2,1	231	242,50	241,64
SIH-IH-01	2211121P018	022	2311100J003	022							27,20	27,26
SIH-IH-01	2211121P018	023	2311100J003	023	BRASS	1,4	2429	3,4006	2,1	2,94	3,06	2,99
SIH-IH-01	2211121P018	024	2311100J003	024	BRASS	1,4	2429	3,4006	2,1	2,94	3,05	2,97
SIH-IH-01	2211121P018	025	2311100J003	025	SST	110	2429	267,19	2,1	231	244,20	243,36
SIH-IH-01	2211121P018	026	2311100J003	026	BRASS	1,4	2429	3,4006	2,1	2,94	3,11	3,04
SIH-IH-01	2211121P018	027	2311100J003	027							36,34	36,23
SIH-IH-01	2211121P018	028	2311100J003	028	SST	110	2429	267,19	2,1	231	246,30	244,21
SIH-IH-01	2211121P018	029	2311100J003	029							28,40	28,39
SIH-IH-01	2211121P018	030	2311100J003	030	BRASS	1,4	2429	3,4006	2,1	2,94	3,09	3,12
SIH-IH-01	2211121P018	031	2311100J003	031							35,83	35,80
SIH-IH-01	2211121P018	032	2311100J003	032	SST	110	2429	267,19	2,1	231	244,80	243,96

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-01	2211121P018	033	2311100J003	033							28,66	28,61
SIH-IH-01	2211121P018	034	2311100J003	034	BRASS	1,4	2429	3,4006	2,1	2,94	3,08	3,04
SIH-IH-01	2211121P018	035	2311100J003	035	SST	110	2429	267,19	2,1	231	244,90	242,72
SIH-IH-01	2211121P018	036	2311100J003	036	SST	110	2429	267,19	2,1	231	244,80	243,88
SIH-IH-01	2211121P018	037	2311100J003	037	BRASS	1,4	2429	3,4006	2,1	2,94	3,03	2,98
SIH-IH-01	2211121P018	038	2311100J003	038	SST	110	2429	267,19	2,1	231	245,50	244,63
SIH-IH-01	2211121P018	039	2311100J003	039	SST	110	2429	267,19	2,1	231	246,30	244,34
SIH-IH-01	2211121P018	040	2311100J003	040	BRASS	1,4	2429	3,4006	2,1	2,94	3,08	2,97
SIH-IH-01	2211121P018	041	2311100J003	041	BRASS	1,4	2429	3,4006	2,1	2,94	3,09	3,01
SIH-IH-01	2211121P018	042	2311100J003	042	SST	110	2429	267,19	2,1	231	246,00	243,80
SIH-IH-01	2211121P018	043	2311100J003	043	SST	110	2429	267,19	2,1	231	245,80	242,98
SIH-IH-01	2211121P018	044	2311100J003	044	BRASS	1,4	2429	3,4006	2,1	2,94	3,08	2,99
SIH-IH-01	2211121P018	045	2311100J003	045	BRASS	1,4	2429	3,4006	2,1	2,94	3,07	2,95
SIH-IH-01	2211121P018	046	2311100J003	046	BRASS	1,4	2429	3,4006	2,1	2,94	3,06	3,04
SIH-IH-01	2211121P018	047	2311100J003	047							28,66	28,54
SIH-IH-01	2211121P018	048	2311100J003	048	BRASS	1,4	2429	3,4006	2,1	2,94	3,06	2,98
SIH-IH-01	2211121P018	049	2311100J003	049	BRASS	1,4	2429	3,4006	2,1	2,94	3,05	2,96
SIH-IH-01	2211121P018	050	2311100J003	050							33,34	33,25
SIH-IH-01	2211121P018	051	2311100J003	051	SST	110	2429	267,19	2,1	231	246,60	245,80
SIH-IH-01	2211121P018	052	2311100J003	052	SST	110	2429	267,19	2,1	231	247,40	244,87
SIH-IH-01	2211121P018	053	2311100J003	053							33,71	33,44
SIH-IH-01	2211121P018	054	2311100J003	054	SST	110	2429	267,19	2,1	231	247,90	246,00
SIH-IH-01	2211121P018	055	2311100J003	055	SST	110	2429	267,19	2,1	231	246,60	245,86
SIH-IH-01	2211121P018	056	2311100J003	056	BRASS	1,4	2429	3,4006	2,1	2,94	3,03	2,96
SIH-IH-01	2211121P018	057	2311100J003	057	BRASS	1,4	2429	3,4006	2,1	2,94	3,06	3,00
SIH-IH-01	2211121P018	058	2311100J003	058							27,24	27,29
SIH-IH-01	2211121P018	059	2311100J003	059	BRASS	1,4	2429	3,4006	2,1	2,94	3,06	3,03
SIH-IH-01	2211121P018	060	2311100J003	060	BRASS	1,4	2429	3,4006	2,1	2,94	3,07	3,02
SIH-IH-01	2211121P018	061	2311100J003	061	SST	110	2429	267,19	2,1	231	246,10	245,28
SIH-IH-01	2211121P018	062	2311100J003	062	SST	110	2429	267,19	2,1	231	247,30	245,23
SIH-IH-01	2211121P018	063	2311100J003	063	SST	110	2429	267,19	2,1	231	246,10	245,18
SIH-IH-01	2211121P018	064	2311100J003	064	SST	110	2429	267,19	2,1	231	247,90	245,40

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-01	2211121P018	065	2311100J003	065	SST	110	2429	267,19	2,1	231	246,00	245,19
SIH-IH-01	2211121P018	066	2311100J003	066	SST	110	2429	267,19	2,1	231	247,40	244,98
SIH-IH-01	2211121P018	067	2311100J003	067							36,19	36,07
SIH-IH-01	2211121P018	068	2311100J003	068	SST	110	2429	267,19	2,1	231	247,30	244,99
SIH-IH-01	2211121P018	069	2311100J003	069	SST	110	2429	267,19	2,1	231	246,40	245,51
SIH-IH-01	2211121P018	070	2311100J003	070	SST	110	2429	267,19	2,1	231	247,80	244,85
SIH-IH-01	2211121P018	071	2311100J003	071							33,49	33,47
SIH-IH-01	2211121P018	072	2311100J003	072	SST	110	2429	267,19	2,1	231	248,30	245,93
SIH-IH-01	2211121P018	073	2311100J003	073	SST	110	2429	267,19	2,1	231	247,30	245,93
SIH-IH-01	2211121P018	074	2311100J003	074	SST	110	2429	267,19	2,1	231	247,70	246,31
SIH-IH-01	2211121P018	075	2311100J003	075	SST	110	2429	267,19	2,1	231	247,90	246,08
SIH-IH-01	2211121P018	076	2311100J003	076	SST	110	2429	267,19	2,1	231	247,40	245,49
SIH-IH-01	2211121P018	077	2311100J003	077	SST	110	2429	267,19	2,1	231	242,80	241,69
SIH-IH-01	2211121P018	078	2311100J003	078	SST	110	2429	267,19	2,1	231	247,80	246,08
SIH-IH-01	2211121P018	079	2311100J003	079	SST	110	2429	267,19	2,1	231	246,80	245,93
SIH-IH-01	2211121P018	080	2311100J003	080	SST	110	2429	267,19	2,1	231	247,80	245,61
SIH-IH-01	2211121P018	081	2311100J003	081	SST	110	2429	267,19	2,1	231	246,80	245,84
SIH-IH-01	2211121P018	082	2311100J003	082	SST	110	2429	267,19	2,1	231	248,00	245,58
SIH-IH-01	2211121P018	083	2311100J003	083							33,31	33,28
SIH-IH-01	2211121P018	084	2311100J003	084	SST	110	2429	267,19	2,1	231	248,10	245,95
SIH-IH-01	2211121P018	085	2311100J003	085	SST	110	2429	267,19	2,1	231	246,60	245,69
SIH-IH-01	2211121P018	086	2311100J003	086	SST	110	2429	267,19	2,1	231	243,90	241,52
SIH-IH-01	2211121P018	087	2311100J003	087							33,38	34,44
SIH-IH-01	2211121P018	088	2311100J003	088	SST	110	2429	267,19	2,1	231	247,90	245,10
SIH-IH-01	2211121P018	089	2311100J003	089	SST	110	2429	267,19	2,1	231	246,10	245,16
SIH-IH-01	2211121P018	090	2311100J003	090	SST	110	2429	267,19	2,1	231	245,30	244,38
SIH-IH-01	2211121P018	091	2311100J003	091	SST	110	2429	267,19	2,1	231	244,90	244,12
SIH-IH-01	2211121P018	092	2311100J003	092	SST	110	2429	267,19	2,1	231	246,40	243,91
SIH-IH-01	2211121P018	093	2311100J003	093	SST	110	2429	267,19	2,1	231	246,20	243,70
SIH-IH-01	2211121P018	094	2311100J003	094	SST	110	2429	267,19	2,1	231	243,20	242,25
SIH-IH-01	2211121P018	095	2311100J003	095							32,74	32,92
SIH-IH-01	2211121P018	096	2311100J003	096	SST	110	2429	267,19	2,1	231	246,70	244,98

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-01	2211121P018	097	2311100J003	097	SST	110	2429	267,19	2,1	231	246,40	245,54
SIH-IH-01	2211121P018	098	2311100J003	098							33,37	33,34
SIH-IH-01	2211121P018	099	2311100J003	099	SST	110	2429	267,19	2,1	231	246,90	244,55
SIH-IH-01	2211121P018	100	2311100J003	100	SST	110	2429	267,19	2,1	231	246,20	244,62
SIH-IH-01	2211121P018	GND	2311100J003	GND							2,39	1,03
SIH-IH-02	2211121P016	003	2311100J001	003							33,65	33,74
SIH-IH-02	2211121P016	004	2311100J001	004	SST	110	2394	263,34	2,07	227,70	243,40	242,96
SIH-IH-02	2211121P016	005	2311100J001	005	SST	110	2394	263,34	2,07	227,70	246,80	244,47
SIH-IH-02	2211121P016	006	2311100J001	006	SST	110	2394	263,34	2,07	227,70	244,20	243,53
SIH-IH-02	2211121P016	007	2311100J001	007	SST	110	2394	263,34	2,07	227,70	246,10	245,30
SIH-IH-02	2211121P016	010	2311100J001	010							25,55	25,55
SIH-IH-02	2211121P016	011	2311100J001	011	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	3,02
SIH-IH-02	2211121P016	012	2311100J001	012	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	3,01
SIH-IH-02	2211121P016	013	2311100J001	013							26,18	26,01
SIH-IH-02	2211121P016	014	2311100J001	014	BRASS	1,4	2394	3,3516	2,07	2,90	3,08	2,99
SIH-IH-02	2211121P016	015	2311100J001	015	BRASS	1,4	2394	3,3516	2,07	2,90	3,09	2,97
SIH-IH-02	2211121P016	019	2311100J001	019	BRASS	1,4	2394	3,3516	2,07	2,90	3,06	2,97
SIH-IH-02	2211121P016	020	2311100J001	020	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	2,96
SIH-IH-02	2211121P016	021	2311100J001	021	BRASS	1,4	2394	3,3516	2,07	2,90	3,06	3,04
SIH-IH-02	2211121P016	022	2311100J001	022	BRASS	1,4	2394	3,3516	2,07	2,90	3,08	3,06
SIH-IH-02	2211121P016	023	2311100J001	023	BRASS	1,4	2394	3,3516	2,07	2,90	3,06	3,00
SIH-IH-02	2211121P016	024	2311100J001	024	BRASS	1,4	2394	3,3516	2,07	2,90	3,09	2,99
SIH-IH-02	2211121P016	025	2311100J001	025	SST	110	2394	263,34	2,07	227,70	243,30	241,50
SIH-IH-02	2211121P016	027	2311100J001	027	SST	110	2394	263,34	2,07	227,70	241,20	240,54
SIH-IH-02	2211121P016	028	2311100J001	028	SST	110	2394	263,34	2,07	227,70	242,80	240,62
SIH-IH-02	2211121P016	029	2311100J001	029							25,94	25,92
SIH-IH-02	2211121P016	030	2311100J001	030	BRASS	1,4	2394	3,3516	2,07	2,90	3,05	3,09
SIH-IH-02	2211121P016	031	2311100J001	031	BRASS	1,4	2394	3,3516	2,07	2,90	3,05	2,99
SIH-IH-02	2211121P016	032	2311100J001	032							25,70	25,68
SIH-IH-02	2211121P016	033	2311100J001	033	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	3,03
SIH-IH-02	2211121P016	034	2311100J001	034	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	3,06

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASSED / IDAS)
SIH-IH-02	2211121P016	037	2311100J001	037							33,95	33,75
SIH-IH-02	2211121P016	038	2311100J001	038	SST	110	2394	263,34	2,07	227,70	243,80	241,43
SIH-IH-02	2211121P016	040	2311100J001	040	BRASS	1,4	2394	3,3516	2,07	2,90	3,04	2,96
SIH-IH-02	2211121P016	041	2311100J001	041	BRASS	1,4	2394	3,3516	2,07	2,90	3,05	2,98
SIH-IH-02	2211121P016	042	2311100J001	042	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	2,99
SIH-IH-02	2211121P016	043	2311100J001	043	BRASS	1,4	2394	3,3516	2,07	2,90	3,08	2,97
SIH-IH-02	2211121P016	044	2311100J001	044	BRASS	1,4	2394	3,3516	2,07	2,90	3,05	2,97
SIH-IH-02	2211121P016	045	2311100J001	045	BRASS	1,4	2394	3,3516	2,07	2,90	3,05	2,96
SIH-IH-02	2211121P016	047	2311100J001	047							33,63	33,64
SIH-IH-02	2211121P016	048	2311100J001	048	SST	110	2394	263,34	2,07	227,70	245,80	243,52
SIH-IH-02	2211121P016	049	2311100J001	049	SST	110	2394	263,34	2,07	227,70	243,00	242,24
SIH-IH-02	2211121P016	050	2311100J001	050							26,14	25,97
SIH-IH-02	2211121P016	051	2311100J001	051	BRASS	1,4	2394	3,3516	2,07	2,90	3,04	3,02
SIH-IH-02	2211121P016	052	2311100J001	052	BRASS	1,4	2394	3,3516	2,07	2,90	3,05	3,05
SIH-IH-02	2211121P016	053	2311100J001	053							25,82	25,88
SIH-IH-02	2211121P016	054	2311100J001	054	BRASS	1,4	2394	3,3516	2,07	2,90	3,06	3,07
SIH-IH-02	2211121P016	055	2311100J001	055	BRASS	1,4	2394	3,3516	2,07	2,90	3,05	3,08
SIH-IH-02	2211121P016	059	2311100J001	059	SST	110	2394	263,34	2,07	227,70	244,30	242,28
SIH-IH-02	2211121P016	060	2311100J001	060	SST	110	2394	263,34	2,07	227,70	243,70	243,04
SIH-IH-02	2211121P016	061	2311100J001	061	BRASS	1,4	2394	3,3516	2,07	2,90	3,04	3,00
SIH-IH-02	2211121P016	062	2311100J001	062	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	3,00
SIH-IH-02	2211121P016	063	2311100J001	063	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	2,98
SIH-IH-02	2211121P016	064	2311100J001	064	BRASS	1,4	2394	3,3516	2,07	2,90	3,06	2,98
SIH-IH-02	2211121P016	065	2311100J001	065	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	2,98
SIH-IH-02	2211121P016	066	2311100J001	066	BRASS	1,4	2394	3,3516	2,07	2,90	3,07	2,98
SIH-IH-02	2211121P016	069	2311100J001	069							32,00	31,96
SIH-IH-02	2211121P016	070	2311100J001	070	BRASS	7,8	2394	18,6732	2,07	16,15	16,79	16,60
SIH-IH-02	2211121P016	071	2311100J001	071	BRASS	7,8	2394	18,6732	2,07	16,15	16,75	16,69
SIH-IH-02	2211121P016	072	2311100J001	072	BRASS	7,8	2394	18,6732	2,07	16,15	16,68	16,74
SIH-IH-02	2211121P016	073	2311100J001	073	BRASS	7,8	2394	18,6732	2,07	16,15	16,73	16,67
SIH-IH-02	2211121P016	074	2311100J001	074	BRASS	7,8	2394	18,6732	2,07	16,15	16,76	16,61
SIH-IH-02	2211121P016	075	2311100J001	075	BRASS	7,8	2394	18,6732	2,07	16,15	16,70	16,64

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-02	2211121P016	076	2311100J001	076							31,97	32,12
SIH-IH-02	2211121P016	079	2311100J001	079	BRASS	7,8	2394	18,6732	2,07	16,15	16,60	16,69
SIH-IH-02	2211121P016	080	2311100J001	080	BRASS	7,8	2394	18,6732	2,07	16,15	16,90	16,74
SIH-IH-02	2211121P016	081	2311100J001	081	BRASS	7,8	2394	18,6732	2,07	16,15	16,71	16,60
SIH-IH-02	2211121P016	082	2311100J001	082	BRASS	7,8	2394	18,6732	2,07	16,15	16,68	16,58
SIH-IH-02	2211121P016	083	2311100J001	083							31,62	31,45
SIH-IH-02	2211121P016	084	2311100J001	084	BRASS	7,8	2394	18,6732	2,07	16,15	16,77	16,73
SIH-IH-02	2211121P016	085	2311100J001	085	BRASS	7,8	2394	18,6732	2,07	16,15	16,67	16,68
SIH-IH-02	2211121P016	089	2311100J001	089	BRASS	7,8	2394	18,6732	2,07	16,15	16,64	16,63
SIH-IH-02	2211121P016	090	2311100J001	090	BRASS	7,8	2394	18,6732	2,07	16,15	16,80	16,64
SIH-IH-02	2211121P016	091	2311100J001	091	BRASS	7,8	2394	18,6732	2,07	16,15	16,60	16,59
SIH-IH-02	2211121P016	092	2311100J001	092	BRASS	7,8	2394	18,6732	2,07	16,15	16,68	16,57
SIH-IH-02	2211121P016	093	2311100J001	093							31,52	31,40
SIH-IH-02	2211121P016	096	2311100J001	096							31,77	31,73
SIH-IH-02	2211121P016	097	2311100J001	097	BRASS	7,8	2394	18,6732	2,07	16,15	16,71	16,66
SIH-IH-02	2211121P016	098	2311100J001	098	BRASS	7,8	2394	18,6732	2,07	16,15	16,62	16,63
SIH-IH-02	2211121P016	099	2311100J001	099	BRASS	7,8	2394	18,6732	2,07	16,15	16,76	16,63
SIH-IH-02	2211121P016	100	2311100J001	100	BRASS	7,8	2394	18,6732	2,07	16,15	16,76	16,58
SIH-IH-03	2211121P019	001	2311100J004	001	BRASS	1,4	2297	3,2158	1,96	2,744	2,85	2,82
SIH-IH-03	2211121P019	002	2311100J004	002	BRASS	1,4	2297	3,2158	1,96	2,744	2,84	2,84
SIH-IH-03	2211121P019	003	2311100J004	003	BRASS	1,4	2297	3,2158	1,96	2,744	2,87	2,88
SIH-IH-03	2211121P019	004	2311100J004	004	SST	110	2297	252,67	1,96	215,6	228,40	226,48
SIH-IH-03	2211121P019	005	2311100J004	005	SST	110	2297	252,67	1,96	215,6	227,10	226,39
SIH-IH-03	2211121P019	006	2311100J004	006	SST	110	2297	252,67	1,96	215,6	227,80	225,87
SIH-IH-03	2211121P019	007	2311100J004	007							34,53	34,30
SIH-IH-03	2211121P019	008	2311100J004	008							27,49	27,31
SIH-IH-03	2211121P019	009	2311100J004	009							27,41	27,99
SIH-IH-03	2211121P019	010	2311100J004	010	SST	110	2297	252,67	1,96	215,6	228,00	227,31
SIH-IH-03	2211121P019	011	2311100J004	011	SST	110	2297	252,67	1,96	215,6	227,50	226,67
SIH-IH-03	2211121P019	012	2311100J004	012	SST	110	2297	252,67	1,96	215,6	226,70	226,18
SIH-IH-03	2211121P019	013	2311100J004	013	SST	110	2297	252,67	1,96	215,6	226,80	225,95

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-03	2211121P019	014	2311100J004	014	BRASS	1,4	2297	3,2158	1,96	2,744	2,85	2,77
SIH-IH-03	2211121P019	015	2311100J004	015	BRASS	1,4	2297	3,2158	1,96	2,744	2,87	2,76
SIH-IH-03	2211121P019	016	2311100J004	016							34,22	34,19
SIH-IH-03	2211121P019	017	2311100J004	017	BRASS	1,4	2297	3,2158	1,96	2,744	2,88	2,79
SIH-IH-03	2211121P019	018	2311100J004	018							34,17	34,31
SIH-IH-03	2211121P019	019	2311100J004	019	SST	110	2297	252,67	1,96	215,6	229,30	226,98
SIH-IH-03	2211121P019	020	2311100J004	020							34,06	34,11
SIH-IH-03	2211121P019	021	2311100J004	021	SST	110	2297	252,67	1,96	215,6	226,20	225,20
SIH-IH-03	2211121P019	022	2311100J004	022							25,79	25,82
SIH-IH-03	2211121P019	023	2311100J004	023	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,78
SIH-IH-03	2211121P019	024	2311100J004	024	BRASS	1,4	2297	3,2158	1,96	2,744	2,87	2,78
SIH-IH-03	2211121P019	025	2311100J004	025	SST	110	2297	252,67	1,96	215,6	227,10	226,38
SIH-IH-03	2211121P019	026	2311100J004	026	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,84
SIH-IH-03	2211121P019	027	2311100J004	027							35,13	35,10
SIH-IH-03	2211121P019	028	2311100J004	028	SST	110	2297	252,67	1,96	215,6	229,50	228,62
SIH-IH-03	2211121P019	029	2311100J004	029							27,52	27,58
SIH-IH-03	2211121P019	030	2311100J004	030	BRASS	1,4	2297	3,2158	1,96	2,744	2,90	2,93
SIH-IH-03	2211121P019	031	2311100J004	031							34,56	34,30
SIH-IH-03	2211121P019	032	2311100J004	032	SST	110	2297	252,67	1,96	215,6	231,70	230,01
SIH-IH-03	2211121P019	033	2311100J004	033							27,27	27,30
SIH-IH-03	2211121P019	034	2311100J004	034	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,84
SIH-IH-03	2211121P019	035	2311100J004	035	SST	110	2297	252,67	1,96	215,6	226,90	226,23
SIH-IH-03	2211121P019	036	2311100J004	036	SST	110	2297	252,67	1,96	215,6	227,20	226,36
SIH-IH-03	2211121P019	037	2311100J004	037	BRASS	1,4	2297	3,2158	1,96	2,744	2,88	2,80
SIH-IH-03	2211121P019	038	2311100J004	038	SST	110	2297	252,67	1,96	215,6	230,60	228,32
SIH-IH-03	2211121P019	039	2311100J004	039	SST	110	2297	252,67	1,96	215,6	229,10	227,80
SIH-IH-03	2211121P019	040	2311100J004	040	BRASS	1,4	2297	3,2158	1,96	2,744	2,87	2,79
SIH-IH-03	2211121P019	041	2311100J004	041	BRASS	1,4	2297	3,2158	1,96	2,744	2,88	2,80
SIH-IH-03	2211121P019	042	2311100J004	042	SST	110	2297	252,67	1,96	215,6	230,10	229,31
SIH-IH-03	2211121P019	043	2311100J004	043	SST	110	2297	252,67	1,96	215,6	231,60	229,77
SIH-IH-03	2211121P019	044	2311100J004	044	BRASS	1,4	2297	3,2158	1,96	2,744	2,91	2,79
SIH-IH-03	2211121P019	045	2311100J004	045	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,76

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-03	2211121P019	046	2311100J004	046	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,84
SIH-IH-03	2211121P019	047	2311100J004	047							27,28	27,24
SIH-IH-03	2211121P019	048	2311100J004	048	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,80
SIH-IH-03	2211121P019	049	2311100J004	049	BRASS	1,4	2297	3,2158	1,96	2,744	2,88	2,78
SIH-IH-03	2211121P019	050	2311100J004	050							31,79	31,53
SIH-IH-03	2211121P019	051	2311100J004	051	SST	110	2297	252,67	1,96	215,6	231,70	229,96
SIH-IH-03	2211121P019	052	2311100J004	052	SST	110	2297	252,67	1,96	215,6	230,50	229,78
SIH-IH-03	2211121P019	053	2311100J004	053							31,96	31,77
SIH-IH-03	2211121P019	054	2311100J004	054	SST	110	2297	252,67	1,96	215,6	233,70	232,22
SIH-IH-03	2211121P019	055	2311100J004	055	SST	110	2297	252,67	1,96	215,6	232,20	231,63
SIH-IH-03	2211121P019	056	2311100J004	056	BRASS	1,4	2297	3,2158	1,96	2,744	2,88	2,81
SIH-IH-03	2211121P019	057	2311100J004	057	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,81
SIH-IH-03	2211121P019	058	2311100J004	058							26,05	25,92
SIH-IH-03	2211121P019	059	2311100J004	059	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,84
SIH-IH-03	2211121P019	060	2311100J004	060	BRASS	1,4	2297	3,2158	1,96	2,744	2,86	2,84
SIH-IH-03	2211121P019	061	2311100J004	061	SST	110	2297	252,67	1,96	215,6	231,80	229,66
SIH-IH-03	2211121P019	062	2311100J004	062	SST	110	2297	252,67	1,96	215,6	232,20	230,02
SIH-IH-03	2211121P019	063	2311100J004	063	SST	110	2297	252,67	1,96	215,6	231,60	230,46
SIH-IH-03	2211121P019	064	2311100J004	064	SST	110	2297	252,67	1,96	215,6	234,30	231,65
SIH-IH-03	2211121P019	065	2311100J004	065	SST	110	2297	252,67	1,96	215,6	232,70	231,96
SIH-IH-03	2211121P019	066	2311100J004	066	SST	110	2297	252,67	1,96	215,6	234,70	232,50
SIH-IH-03	2211121P019	067	2311100J004	067							34,41	34,38
SIH-IH-03	2211121P019	068	2311100J004	068	SST	110	2297	252,67	1,96	215,6	230,50	229,66
SIH-IH-03	2211121P019	069	2311100J004	069	SST	110	2297	252,67	1,96	215,6	229,90	229,00
SIH-IH-03	2211121P019	070	2311100J004	070	SST	110	2297	252,67	1,96	215,6	229,90	228,86
SIH-IH-03	2211121P019	071	2311100J004	071							31,58	31,83
SIH-IH-03	2211121P019	072	2311100J004	072	SST	110	2297	252,67	1,96	215,6	229,90	228,41
SIH-IH-03	2211121P019	073	2311100J004	073	SST	110	2297	252,67	1,96	215,6	230,70	228,38
SIH-IH-03	2211121P019	074	2311100J004	074	SST	110	2297	252,67	1,96	215,6	232,50	231,68
SIH-IH-03	2211121P019	075	2311100J004	075	SST	110	2297	252,67	1,96	215,6	233,80	231,38
SIH-IH-03	2211121P019	076	2311100J004	076	SST	110	2297	252,67	1,96	215,6	232,00	231,09
SIH-IH-03	2211121P019	077	2311100J004	077	SST	110	2297	252,67	1,96	215,6	229,50	228,78

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-03	2211121P019	078	2311100J004	078	SST	110	2297	252,67	1,96	215,6	229,70	228,86
SIH-IH-03	2211121P019	079	2311100J004	079	SST	110	2297	252,67	1,96	215,6	231,70	229,29
SIH-IH-03	2211121P019	080	2311100J004	080	SST	110	2297	252,67	1,96	215,6	229,10	228,28
SIH-IH-03	2211121P019	081	2311100J004	081	SST	110	2297	252,67	1,96	215,6	228,80	227,87
SIH-IH-03	2211121P019	082	2311100J004	082	SST	110	2297	252,67	1,96	215,6	229,40	228,63
SIH-IH-03	2211121P019	083	2311100J004	083							32,10	31,95
SIH-IH-03	2211121P019	084	2311100J004	084	SST	110	2297	252,67	1,96	215,6	233,70	231,45
SIH-IH-03	2211121P019	085	2311100J004	085	SST	110	2297	252,67	1,96	215,6	233,90	232,08
SIH-IH-03	2211121P019	086	2311100J004	086	SST	110	2297	252,67	1,96	215,6	229,90	228,99
SIH-IH-03	2211121P019	087	2311100J004	087							31,82	31,88
SIH-IH-03	2211121P019	088	2311100J004	088	SST	110	2297	252,67	1,96	215,6	232,30	229,83
SIH-IH-03	2211121P019	089	2311100J004	089	SST	110	2297	252,67	1,96	215,6	231,60	230,73
SIH-IH-03	2211121P019	090	2311100J004	090	SST	110	2297	252,67	1,96	215,6	230,80	229,87
SIH-IH-03	2211121P019	091	2311100J004	091	SST	110	2297	252,67	1,96	215,6	229,10	228,11
SIH-IH-03	2211121P019	092	2311100J004	092	SST	110	2297	252,67	1,96	215,6	230,80	228,55
SIH-IH-03	2211121P019	093	2311100J004	093	SST	110	2297	252,67	1,96	215,6	232,00	228,20
SIH-IH-03	2211121P019	094	2311100J004	094	SST	110	2297	252,67	1,96	215,6	229,30	228,17
SIH-IH-03	2211121P019	095	2311100J004	095							31,95	31,73
SIH-IH-03	2211121P019	096	2311100J004	096	SST	110	2297	252,67	1,96	215,6	231,10	230,30
SIH-IH-03	2211121P019	097	2311100J004	097	SST	110	2297	252,67	1,96	215,6	232,90	230,47
SIH-IH-03	2211121P019	098	2311100J004	098							31,62	31,45
SIH-IH-03	2211121P019	099	2311100J004	099	SST	110	2297	252,67	1,96	215,6	230,60	228,45
SIH-IH-03	2211121P019	100	2311100J004	100	SST	110	2297	252,67	1,96	215,6	229,00	228,63
SIH-IH-04	2211121P020	003	2311100J005	003							32,63	32,63
SIH-IH-04	2211121P020	004	2311100J005	004	SST	110	2268	249,48	1,94	213,4	228,90	228,31
SIH-IH-04	2211121P020	005	2311100J005	005	SST	110	2268	249,48	1,94	213,4	230,10	229,41
SIH-IH-04	2211121P020	006	2311100J005	006	SST	110	2268	249,48	1,94	213,4	230,50	229,70
SIH-IH-04	2211121P020	007	2311100J005	007	SST	110	2268	249,48	1,94	213,4	230,70	229,83
SIH-IH-04	2211121P020	010	2311100J005	010							25,17	25,21
SIH-IH-04	2211121P020	011	2311100J005	011	BRASS	1,4	2268	3,1752	1,94	2,716	2,86	2,83
SIH-IH-04	2211121P020	012	2311100J005	012	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,82

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-04	2211121P020	013	2311100J005	013							25,26	25,24
SIH-IH-04	2211121P020	014	2311100J005	014	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,79
SIH-IH-04	2211121P020	015	2311100J005	015	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,79
SIH-IH-04	2211121P020	019	2311100J005	019	BRASS	1,4	2268	3,1752	1,94	2,716	2,89	2,78
SIH-IH-04	2211121P020	020	2311100J005	020	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,76
SIH-IH-04	2211121P020	021	2311100J005	021	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,84
SIH-IH-04	2211121P020	022	2311100J005	022	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,87
SIH-IH-04	2211121P020	023	2311100J005	023	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,81
SIH-IH-04	2211121P020	024	2311100J005	024	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,79
SIH-IH-04	2211121P020	027	2311100J005	027	SST	110	2268	249,48	1,94	213,4	227,90	227,30
SIH-IH-04	2211121P020	028	2311100J005	028	SST	110	2268	249,48	1,94	213,4	229,40	228,66
SIH-IH-04	2211121P020	029	2311100J005	029							25,08	25,11
SIH-IH-04	2211121P020	030	2311100J005	030	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,90
SIH-IH-04	2211121P020	031	2311100J005	031	BRASS	1,4	2268	3,1752	1,94	2,716	2,89	2,81
SIH-IH-04	2211121P020	032	2311100J005	032	BRASS	1,4	2268	3,1752	1,94	2,716	25,22	25,02
SIH-IH-04	2211121P020	033	2311100J005	033	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,83
SIH-IH-04	2211121P020	034	2311100J005	034	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,86
SIH-IH-04	2211121P020	037	2311100J005	037							32,97	32,70
SIH-IH-04	2211121P020	038	2311100J005	038	SST	110	2268	249,48	1,94	213,4	229,80	227,89
SIH-IH-04	2211121P020	039	2311100J005	039	SST	110	2268	249,48	1,94	213,4	229,80	227,39
SIH-IH-04	2211121P020	040	2311100J005	040	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,79
SIH-IH-04	2211121P020	041	2311100J005	041	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,79
SIH-IH-04	2211121P020	042	2311100J005	042	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,80
SIH-IH-04	2211121P020	043	2311100J005	043	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,79
SIH-IH-04	2211121P020	044	2311100J005	044	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,79
SIH-IH-04	2211121P020	045	2311100J005	045	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,78
SIH-IH-04	2211121P020	047	2311100J005	047							32,49	32,38
SIH-IH-04	2211121P020	048	2311100J005	048	SST	110	2268	249,48	1,94	213,4	228,80	228,13
SIH-IH-04	2211121P020	049	2311100J005	049	SST	110	2268	249,48	1,94	213,4	229,20	227,63
SIH-IH-04	2211121P020	050	2311100J005	050							24,74	24,50
SIH-IH-04	2211121P020	051	2311100J005	051	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,84
SIH-IH-04	2211121P020	052	2311100J005	052	BRASS	1,4	2268	3,1752	1,94	2,716	2,89	2,86

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-04	2211121P020	053	2311100J005	053							24,88	24,95
SIH-IH-04	2211121P020	054	2311100J005	054	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,90
SIH-IH-04	2211121P020	055	2311100J005	055	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,91
SIH-IH-04	2211121P020	059	2311100J005	059	SST	110	2268	249,48	1,94	213,4	228,80	228,20
SIH-IH-04	2211121P020	060	2311100J005	060	SST	110	2268	249,48	1,94	213,4	228,90	227,16
SIH-IH-04	2211121P020	061	2311100J005	061	BRASS	1,4	2268	3,1752	1,94	2,716	2,87	2,83
SIH-IH-04	2211121P020	062	2311100J005	062	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,82
SIH-IH-04	2211121P020	063	2311100J005	063	BRASS	1,4	2268	3,1752	1,94	2,716	2,88	2,81
SIH-IH-04	2211121P020	064	2311100J005	064	BRASS	1,4	2268	3,1752	1,94	2,716	2,89	2,80
SIH-IH-04	2211121P020	065	2311100J005	065	BRASS	1,4	2268	3,1752	1,94	2,716	2,89	2,79
SIH-IH-04	2211121P020	066	2311100J005	066	BRASS	1,4	2268	3,1752	1,94	2,716	2,90	2,80
SIH-IH-04	2211121P020	069	2311100J005	069							31,25	31,05
SIH-IH-04	2211121P020	070	2311100J005	070	BRASS	7,8	2268	17,6904	1,94	15,132	15,72	15,55
SIH-IH-04	2211121P020	071	2311100J005	071	BRASS	7,8	2268	17,6904	1,94	15,132	15,82	15,77
SIH-IH-04	2211121P020	072	2311100J005	072	BRASS	7,8	2268	17,6904	1,94	15,132	15,84	15,88
SIH-IH-04	2211121P020	073	2311100J005	073	BRASS	7,8	2268	17,6904	1,94	15,132	15,61	15,59
SIH-IH-04	2211121P020	074	2311100J005	074	BRASS	7,8	2268	17,6904	1,94	15,132	15,84	15,81
SIH-IH-04	2211121P020	075	2311100J005	075	BRASS	7,8	2268	17,6904	1,94	15,132	15,81	15,63
SIH-IH-04	2211121P020	076	2311100J005	076							30,17	30,24
SIH-IH-04	2211121P020	079	2311100J005	079	BRASS	7,8	2268	17,6904	1,94	15,132	15,62	15,59
SIH-IH-04	2211121P020	080	2311100J005	080	BRASS	7,8	2268	17,6904	1,94	15,132	15,60	15,70
SIH-IH-04	2211121P020	081	2311100J005	081	BRASS	7,8	2268	17,6904	1,94	15,132	15,82	15,72
SIH-IH-04	2211121P020	082	2311100J005	082	BRASS	7,8	2268	17,6904	1,94	15,132	15,67	15,68
SIH-IH-04	2211121P020	083	2311100J005	083							30,86	30,80
SIH-IH-04	2211121P020	084	2311100J005	084	BRASS	7,8	2268	17,6904	1,94	15,132	15,62	15,67
SIH-IH-04	2211121P020	085	2311100J005	085	BRASS	7,8	2268	17,6904	1,94	15,132	15,87	15,74
SIH-IH-04	2211121P020	089	2311100J005	089	BRASS	7,8	2268	17,6904	1,94	15,132	15,82	15,56
SIH-IH-04	2211121P020	090	2311100J005	090	BRASS	7,8	2268	17,6904	1,94	15,132	15,67	15,64
SIH-IH-04	2211121P020	091	2311100J005	091	BRASS	7,8	2268	17,6904	1,94	15,132	15,93	15,82
SIH-IH-04	2211121P020	092	2311100J005	092	BRASS	7,8	2268	17,6904	1,94	15,132	15,77	15,66
SIH-IH-04	2211121P020	093	2311100J005	093							30,73	30,60
SIH-IH-04	2211121P020	096	2311100J005	096							30,24	30,31

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASSED / IDAS)
SIH-IH-04	2211121P020	097	2311100J005	097	BRASS	7,8	2268	17,6904	1,94	15,132	15,93	15,84
SIH-IH-04	2211121P020	098	2311100J005	098	BRASS	7,8	2268	17,6904	1,94	15,132	15,55	15,54
SIH-IH-04	2211121P020	099	2311100J005	099	BRASS	7,8	2268	17,6904	1,94	15,132	15,71	15,68
SIH-IH-04	2211121P020	100	2311100J005	100	BRASS	7,8	2268	17,6904	1,94	15,132	15,65	15,53
SIH-IH-05	2211121P017	009	2311100J002	009	BRASS	7,8	2441	19,0398	2,12	16,536	17,81	17,89
SIH-IH-05	2211121P017	010	2311100J002	010	BRASS	7,8	2441	19,0398	2,12	16,536	17,56	17,55
SIH-IH-05	2211121P017	011	2311100J002	011							35,29	35,28
SIH-IH-05	2211121P017	012	2311100J002	012	BRASS	7,8	2441	19,0398	2,12	16,536	17,82	17,85
SIH-IH-05	2211121P017	013	2311100J002	013	BRASS	7,8	2441	19,0398	2,12	16,536	17,78	17,71
SIH-IH-05	2211121P017	014	2311100J002	014	BRASS	7,8	2441	19,0398	2,12	16,536	17,83	17,71
SIH-IH-05	2211121P017	015	2311100J002	015	BRASS	7,8	2441	19,0398	2,12	16,536	17,54	17,40
SIH-IH-05	2211121P017	017	2311100J002	017	BRASS	7,8	2441	19,0398	2,12	16,536	17,82	17,82
SIH-IH-05	2211121P017	018	2311100J002	018							34,49	34,42
SIH-IH-05	2211121P017	020	2311100J002	020	BRASS	7,8	2441	19,0398	2,12	16,536	18,27	18,26
SIH-IH-05	2211121P017	021	2311100J002	021							35,20	35,25
SIH-IH-05	2211121P017	022	2311100J002	022	BRASS	7,8	2441	19,0398	2,12	16,536	17,86	17,81
SIH-IH-05	2211121P017	023	2311100J002	023							34,47	34,43
SIH-IH-05	2211121P017	024	2311100J002	024	BRASS	7,8	2441	19,0398	2,12	16,536	17,74	17,62
SIH-IH-05	2211121P017	028	2311100J002	028							34,95	35,02
SIH-IH-05	2211121P017	029	2311100J002	029	BRASS	7,8	2441	19,0398	2,12	16,536	17,48	17,45
SIH-IH-05	2211121P017	030	2311100J002	030							34,84	34,69
SIH-IH-05	2211121P017	031	2311100J002	031	BRASS	7,8	2441	19,0398	2,12	16,536	17,65	17,67
SIH-IH-05	2211121P017	032	2311100J002	032	BRASS	7,8	2441	19,0398	2,12	16,536	17,72	17,63
SIH-IH-05	2211121P017	033	2311100J002	033							35,33	35,18
SIH-IH-05	2211121P017	034	2311100J002	034	BRASS	7,8	2441	19,0398	2,12	16,536	17,75	17,77
SIH-IH-05	2211121P017	035	2311100J002	035	BRASS	7,8	2441	19,0398	2,12	16,536	17,70	17,77
SIH-IH-05	2211121P017	040	2311100J002	040							35,19	35,03
SIH-IH-05	2211121P017	041	2311100J002	041	BRASS	7,8	2441	19,0398	2,12	16,536	17,41	17,40
SIH-IH-05	2211121P017	042	2311100J002	042	BRASS	7,8	2441	19,0398	2,12	16,536	17,64	17,64
SIH-IH-05	2211121P017	043	2311100J002	043							35,45	35,50
SIH-IH-05	2211121P017	044	2311100J002	044	BRASS	7,8	2441	19,0398	2,12	16,536	18,06	17,96

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-05	2211121P017	045	2311100J002	045	BRASS	7,8	2441	19,0398	2,12	16,536	17,78	17,67
SIH-IH-05	2211121P017	046	2311100J002	046							34,77	34,69
SIH-IH-05	2211121P017	047	2311100J002	047	BRASS	7,8	2441	19,0398	2,12	16,536	17,63	17,71
SIH-IH-05	2211121P017	049	2311100J002	049	SST	110	2441	268,51	2,12	233,2	247,00	246,36
SIH-IH-05	2211121P017	050	2311100J002	050	SST	110	2441	268,51	2,12	233,2	249,60	247,24
SIH-IH-05	2211121P017	051	2311100J002	051							35,88	35,66
SIH-IH-05	2211121P017	052	2311100J002	052	BRASS	7,8	2441	19,0398	2,12	16,536	17,81	17,78
SIH-IH-05	2211121P017	053	2311100J002	053	BRASS	7,8	2441	19,0398	2,12	16,536	18,03	17,99
SIH-IH-05	2211121P017	054	2311100J002	054							33,84	33,86
SIH-IH-05	2211121P017	055	2311100J002	055	SST	110	2441	268,51	2,12	233,2	249,10	247,94
SIH-IH-05	2211121P017	056	2311100J002	056	SST	110	2441	268,51	2,12	233,2	252,20	250,14
SIH-IH-05	2211121P017	057	2311100J002	057	SST	110	2441	268,51	2,12	233,2	249,20	248,66
SIH-IH-05	2211121P017	058	2311100J002	058	SST	110	2441	268,51	2,12	233,2	250,20	249,53
SIH-IH-05	2211121P017	059	2311100J002	059	SST	110	2441	268,51	2,12	233,2	248,80	246,86
SIH-IH-05	2211121P017	060	2311100J002	060							33,75	33,80
SIH-IH-05	2211121P017	061	2311100J002	061	SST	110	2441	268,51	2,12	233,2	248,10	247,49
SIH-IH-05	2211121P017	062	2311100J002	062	SST	110	2441	268,51	2,12	233,2	249,60	247,42
SIH-IH-05	2211121P017	063	2311100J002	063	BRASS	7,8	2441	19,0398	2,12	16,536	17,65	17,64
SIH-IH-05	2211121P017	064	2311100J002	064							34,67	34,74
SIH-IH-05	2211121P017	065	2311100J002	065	BRASS	7,8	2441	19,0398	2,12	16,536	17,89	17,86
SIH-IH-05	2211121P017	066	2311100J002	066	SST	110	2441	268,51	2,12	233,2	250,90	248,66
SIH-IH-05	2211121P017	067	2311100J002	067	SST	110	2441	268,51	2,12	233,2	251,60	249,60
SIH-IH-05	2211121P017	068	2311100J002	068							34,55	34,19
SIH-IH-05	2211121P017	069	2311100J002	069	SST	110	2441	268,51	2,12	233,2	250,80	249,12
SIH-IH-05	2211121P017	070	2311100J002	070	SST	110	2441	268,51	2,12	233,2	251,40	249,16
SIH-IH-05	2211121P017	071	2311100J002	071	SST	110	2441	268,51	2,12	233,2	248,70	248,10
SIH-IH-05	2211121P017	072	2311100J002	072							33,99	34,07
SIH-IH-05	2211121P017	073	2311100J002	073	SST	110	2441	268,51	2,12	233,2	249,40	247,20
SIH-IH-05	2211121P017	074	2311100J002	074	SST	110	2441	268,51	2,12	233,2	248,50	246,76
SIH-IH-05	2211121P017	075	2311100J002	075	SST	110	2441	268,51	2,12	233,2	249,10	248,35
SIH-IH-05	2211121P017	076	2311100J002	076	SST	110	2441	268,51	2,12	233,2	249,80	247,91
SIH-IH-05	2211121P017	077	2311100J002	077							34,20	34,31

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IH-05	2211121P017	078	2311100J002	078	SST	110	2441	268,51	2,12	233,2	251,50	249,91
SIH-IH-05	2211121P017	079	2311100J002	079	SST	110	2441	268,51	2,12	233,2	250,60	249,90
SIH-IH-05	2211121P017	080	2311100J002	080	SST	110	2441	268,51	2,12	233,2	250,70	250,12
SIH-IH-05	2211121P017	081	2311100J002	081	SST	110	2441	268,51	2,12	233,2	252,10	249,83
SIH-IH-05	2211121P017	082	2311100J002	082	SST	110	2441	268,51	2,12	233,2	247,70	245,83
SIH-IH-05	2211121P017	083	2311100J002	083	SST	110	2441	268,51	2,12	233,2	246,90	246,15
SIH-IH-05	2211121P017	084	2311100J002	084	SST	110	2441	268,51	2,12	233,2	249,20	247,28
SIH-IH-05	2211121P017	085	2311100J002	085	SST	110	2441	268,51	2,12	233,2	248,50	247,66
SIH-IH-05	2211121P017	086	2311100J002	086							34,21	34,29
SIH-IH-05	2211121P017	087	2311100J002	087	SST	110	2441	268,51	2,12	233,2	249,80	247,87
SIH-IH-05	2211121P017	088	2311100J002	088	SST	110	2441	268,51	2,12	233,2	249,40	248,62
SIH-IH-05	2211121P017	089	2311100J002	089	SST	110	2441	268,51	2,12	233,2	249,70	248,95
SIH-IH-05	2211121P017	090	2311100J002	090	SST	110	2441	268,51	2,12	233,2	251,70	249,05
SIH-IH-05	2211121P017	091	2311100J002	091	SST	110	2441	268,51	2,12	233,2	251,60	249,51
SIH-IH-05	2211121P017	092	2311100J002	092	SST	110	2441	268,51	2,12	233,2	251,90	250,25
SIH-IH-05	2211121P017	093	2311100J002	093							34,45	34,21
SIH-IH-05	2211121P017	094	2311100J002	094	BRASS	7,8	2441	19,0398	2,12	16,536	34,42	34,37
SIH-IH-05	2211121P017	095	2311100J002	095	BRASS	7,8	2441	19,0398	2,12	16,536	35,80	35,84
SIH-IH-05	2211121P017	096	2311100J002	096	SST	110	2441	268,51	2,12	233,2	246,90	246,20
SIH-IH-05	2211121P017	097	2311100J002	097							32,47	32,51
SIH-IH-05	2211121P017	098	2311100J002	098	BRASS	7,8	2441	19,0398	2,12	16,536	16,98	16,97
SIH-IH-05	2211121P017	099	2311100J002	099	BRASS	7,8	2441	19,0398	2,12	16,536	17,34	17,15
SIH-IH-05	2211121P017	100	2311100J002	100	SST	110	2441	268,51	2,12	233,2	251,60	249,23
SIH-IH-05	2211121P017	101	2311100J002	101	SST	110	2441	268,51	2,12	233,2	251,60	249,10
SIH-IH-05	2211121P017	102	2311100J002	102							34,64	34,63
SIH-IH-05	2211121P017	103	2311100J002	103	SST	110	2441	268,51	2,12	233,2	250,50	249,95
SIH-IH-05	2211121P017	104	2311100J002	104	SST	110	2441	268,51	2,12	233,2	250,90	249,37
SIH-IH-05	2211121P017	105	2311100J002	105			2441				34,69	34,74
SIH-IH-05	2211121P017	106	2311100J002	106	SST	110	2441	268,51	2,12	233,2	248,30	245,49
SIH-IH-05	2211121P017	107	2311100J002	107	SST	110	2441	268,51	2,12	233,2	245,70	244,91
SIH-IH-05	2211121P017	108	2311100J002	108	BRASS	7,8	2441	19,0398	2,12	16,536	17,07	16,94
SIH-IH-05	2211121P017	109	2311100J002	109	BRASS	7,8	2441	19,0398	2,12	16,536	17,21	17,10

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CVV external					
							CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (m) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASSED / IDAS)
SIH-IH-05	2211121P017	110	2311100J002	110							34,36	34,40
SIH-IH-05	2211121P017	111	2311100J002	111	SST	110	2441	268,51	2,12	233,2	251,30	248,59
SIH-IH-05	2211121P017	112	2311100J002	112	SST	110	2441	268,51	2,12	233,2	250,70	249,14
SIH-IH-05	2211121P017	113	2311100J002	113	SST	110	2441	268,51	2,12	233,2	249,00	248,09
SIH-IH-05	2211121P017	114	2311100J002	114	SST	110	2441	268,51	2,12	233,2	252,50	250,10
SIH-IH-05	2211121P017	115	2311100J002	115	BRASS	7,8	2441	19,0398	2,12	16,536	17,56	17,53
SIH-IH-05	2211121P017	116	2311100J002	116	BRASS	7,8	2441	19,0398	2,12	16,536	17,84	17,73
SIH-IH-05	2211121P017	117	2311100J002	117	SST	110	2441	268,51	2,12	233,2	248,80	246,55
SIH-IH-05	2211121P017	118	2311100J002	118	SST	110	2441	268,51	2,12	233,2	248,00	246,44
SIH-IH-05	2211121P017	119	2311100J002	119	BRASS	7,8	2441	19,0398	2,12	16,536	17,10	17,03
SIH-IH-05	2211121P017	120	2311100J002	120	BRASS	7,8	2441	19,0398	2,12	16,536	16,96	16,80
SIH-IH-05	2211121P017	121	2311100J002	121							32,64	32,57
SIH-IH-05	2211121P017	122	2311100J002	122	BRASS	7,8	2441	19,0398	2,12	16,536	17,78	17,70
SIH-IH-05	2211121P017	123	2311100J002	123	BRASS	7,8	2441	19,0398	2,12	16,536	17,76	17,73
SIH-IH-05	2211121P017	124	2311100J002	124							34,34	34,00
SIH-IH-05	2211121P017	125	2311100J002	125	SST	110	2441	268,51	2,12	233,2	247,00	246,12
SIH-IH-05	2211121P017	126	2311100J002	126							36,61	36,54
SIH-IH-05	2211121P017	127	2311100J002	127	BRASS	7,8	2441	19,0398	2,12	16,536	16,91	16,95
SIH-IH-05	2211121P017	128	2311100J002	128	BRASS	7,8	2441	19,0398	2,12	16,536	17,02	17,06

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-01	2111100P044	003	2211121J018	001	BRASS	2,82	3,00	3,06	3,05	0,570		6,46	6,05	25	18,54	18,95
SIH-CH-01	2111100P044	006	2211121J018	002	BRASS	2,89	2,99	3,09	3,06	0,574		6,55	6,05	25	18,45	18,95
SIH-CH-01	2111100P044	009	2211121J018	003	BRASS	2,89	2,99	3,05	3,05	0,058		6,00	6,04	25	19,00	18,96
SIH-CH-01	2111100P044	005	2211121J018	004	SST	231,66	231,84	244,70	244,04	0,057		476,42	475,88	1000	523,58	524,12
SIH-CH-01	2111100P044	008	2211121J018	005	SST	232,27	232,38	245,10	244,52	0,055		477,43	476,90	1000	522,57	523,10
SIH-CH-01	2111100P044	002	2211121J018	006	SST	232,07	232,09	245,70	244,68	0,052		477,82	476,77	1000	522,18	523,23
SIH-CH-01	2111100P044	001	2211121J018	007		32,75	32,88	36,61	36,05	0,055		69,41	68,93			
SIH-CH-01	2111100P044	007	2211121J018	008		26,22	26,29	27,99	28,21	0,196		54,41	54,50			
SIH-CH-01	2111100P043	007	2211121J018	009		25,21	25,39	28,56	28,57	0,143		53,92	53,96			
SIH-CH-01	2111100P043	005	2211121J018	010	SST	223,69	223,68	246,40	244,70	0,658		470,75	468,38	1000	529,25	531,62
SIH-CH-01	2111100P043	002	2211121J018	011	SST	224,26	224,31	245,60	244,61	0,630		470,49	468,92	1000	529,51	531,08
SIH-CH-01	2111100P042	005	2211121J018	012	SST	218,91	218,92	242,70	241,92	0,661		462,27	460,84	1000	537,73	539,16
SIH-CH-01	2111100P042	008	2211121J018	013	SST	218,75	218,74	244,10	242,05	0,622		463,47	460,79	1000	536,53	539,21
SIH-CH-01	2111100P042	003	2211121J018	014	BRASS	2,69	2,83	3,07	2,99	0,536		6,29	5,82	25	18,71	19,18
SIH-CH-01	2111100P042	006	2211121J018	015	BRASS	2,69	2,79	3,07	2,97	0,536		6,29	5,76	25	18,71	19,24
SIH-CH-01	2111100P039	001	2211121J018	016		29,65	29,67	36,02	35,99	0,209		65,88	65,66			
SIH-CH-01	2111100P043	003	2211121J018	017	BRASS	2,76	2,89	3,07	3,00	0,568		6,40	5,89	25	18,60	19,11
SIH-CH-01	2111100P043	001	2211121J018	018		31,88	31,99	35,91	35,87	0,209		68,00	67,86			
SIH-CH-01	2111100P043	008	2211121J018	019	SST	224,40	224,38	244,90	243,99	0,623		469,92	468,37	1000	530,08	531,63
SIH-CH-01	2111100P042	001	2211121J018	020		31,26	31,43	36,16	36,08	0,260		67,68	67,51			
SIH-CH-01	2111100P042	002	2211121J018	021	SST	219,15	219,29	242,50	241,64	0,576		462,22	460,93	1000	537,78	539,07
SIH-CH-01	2111100P042	007	2211121J018	022		23,80	23,92	27,20	27,26	0,143		51,15	51,18			
SIH-CH-01	2111100P042	004	2211121J018	023	BRASS	2,69	2,83	3,06	2,99	0,572		6,32	5,82	25	18,68	19,18
SIH-CH-01	2111100P042	009	2211121J018	024	BRASS	2,76	2,81	3,05	2,97	0,574		6,38	5,78	25	18,62	19,22
SIH-CH-01	2111100P039	008	2211121J018	025	SST	201,81	201,71	244,20	243,36	0,570		446,58	445,07	1000	553,42	554,93
SIH-CH-01	2111100P043	009	2211121J018	026	BRASS	2,76	2,89	3,11	3,04	0,631		6,49	5,93	25	18,51	19,07
SIH-CH-01	2111100P041	001	2211121J018	027		30,99	31,17	36,34	36,23	0,201		67,53	67,40			
SIH-CH-01	2111100P041	005	2211121J018	028	SST	212,78	212,82	246,30	244,21	0,657		459,74	457,03	1000	540,26	542,97
SIH-CH-01	2111100P041	007	2211121J018	029		24,81	24,98	28,40	28,39	0,143		53,36	53,37			
SIH-CH-01	2111100P041	003	2211121J018	030	BRASS	2,62	2,80	3,09	3,12	0,566		6,28	5,92	25	18,72	19,08
SIH-CH-01	2111100P040	001	2211121J018	031		30,52	30,65	35,83	35,80	0,664		67,02	66,45			
SIH-CH-01	2111100P040	002	2211121J018	032	SST	208,27	208,34	244,80	243,96	0,570		453,64	452,30	1000	546,36	547,70

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-01	2111100P040	007	2211121J018	033		24,14	24,25	28,66	28,61	0,258		53,05	52,86			
SIH-CH-01	2111100P040	003	2211121J018	034	BRASS	2,62	2,76	3,08	3,04	0,574		6,27	5,80	25	18,73	19,20
SIH-CH-01	2111100P039	005	2211121J018	035	SST	201,96	201,98	244,90	242,72	0,608		447,47	444,70	1000	552,53	555,30
SIH-CH-01	2111100P039	002	2211121J018	036	SST	201,68	201,64	244,80	243,88	0,576		447,05	445,52	1000	552,95	554,48
SIH-CH-01	2111100P043	006	2211121J018	037	BRASS	2,76	2,84	3,03	2,98	0,572		6,36	5,82	25	18,64	19,18
SIH-CH-01	2111100P041	002	2211121J018	038	SST	212,85	212,87	245,50	244,63	0,571		458,92	457,50	1000	541,08	542,50
SIH-CH-01	2111100P041	008	2211121J018	039	SST	212,04	212,41	246,30	244,34	0,624		458,97	456,75	1000	541,03	543,25
SIH-CH-01	2111100P041	009	2211121J018	040	BRASS	2,62	2,74	3,08	2,97	0,567		6,27	5,71	25	18,74	19,29
SIH-CH-01	2111100P041	006	2211121J018	041	BRASS	2,62	2,75	3,09	3,01	0,568		6,28	5,76	25	18,72	19,24
SIH-CH-01	2111100P040	005	2211121J018	042	SST	208,61	208,65	246,00	243,80	0,604		455,22	452,45	1000	544,79	547,55
SIH-CH-01	2111100P040	008	2211121J018	043	SST	208,48	208,46	245,80	242,98	0,573		454,85	451,44	1000	545,15	548,56
SIH-CH-01	2111100P040	009	2211121J018	044	BRASS	2,56	2,67	3,08	2,99	0,567		6,20	5,66	25	18,80	19,34
SIH-CH-01	2111100P040	006	2211121J018	045	BRASS	2,56	2,65	3,07	2,95	0,567		6,19	5,60	25	18,81	19,40
SIH-CH-01	2111100P045	009	2211121J018	046	BRASS	2,89	3,05	3,06	3,04	0,632		6,58	6,09	25	18,42	18,91
SIH-CH-01	2111100P045	007	2211121J018	047		25,68	25,84	28,66	28,54	0,662		55,00	54,38			
SIH-CH-01	2111100P039	003	2211121J018	048	BRASS	2,56	2,62	3,06	2,98	0,572		6,19	5,60	25	18,81	19,40
SIH-CH-01	2111100P039	006	2211121J018	049	BRASS	2,49	2,56	3,05	2,96	0,567		6,10	5,52	25	18,90	19,48
SIH-CH-01	2111100P017	001	2211121J018	050		28,30	28,40	33,34	33,25	0,154		61,80	61,65			
SIH-CH-01	2111100P017	002	2211121J018	051	SST	230,79	230,47	246,60	245,80	0,580		477,97	476,27	1000	522,03	523,73
SIH-CH-01	2111100P017	003	2211121J018	052	SST	230,42	230,11	247,40	244,87	0,578		478,40	474,98	1000	521,60	525,02
SIH-CH-01	2111100P016	001	2211121J018	053		27,70	27,82	33,71	33,44	0,154		61,57	61,26			
SIH-CH-01	2111100P016	002	2211121J018	054	SST	226,78	226,67	247,90	246,00	0,578		475,26	472,67	1000	524,74	527,33
SIH-CH-01	2111100P016	003	2211121J018	055	SST	228,74	228,72	246,60	245,86	0,580		475,92	474,58	1000	524,08	525,42
SIH-CH-01	2111100P045	003	2211121J018	056	BRASS	2,89	3,02	3,03	2,96	0,572		6,49	5,98	25	18,51	19,02
SIH-CH-01	2111100P045	006	2211121J018	057	BRASS	2,89	3,00	3,06	3,00	0,574		6,52	6,00	25	18,48	19,00
SIH-CH-01	2111100P039	007	2211121J018	058		22,66	22,77	27,24	27,29	0,167		50,07	50,06			
SIH-CH-01	2111100P039	004	2211121J018	059	BRASS	2,56	2,66	3,06	3,03	0,568		6,19	5,69	25	18,81	19,31
SIH-CH-01	2111100P039	009	2211121J018	060	BRASS	2,49	2,63	3,07	3,02	0,570		6,13	5,65	25	18,87	19,35
SIH-CH-01	2111100P017	004	2211121J018	061	SST	231,67	231,32	246,10	245,28	0,576		478,34	476,60	1000	521,66	523,40
SIH-CH-01	2111100P017	007	2211121J018	062	SST	231,06	230,68	247,30	245,23	0,574		478,93	475,91	1000	521,07	524,09
SIH-CH-01	2111100P017	008	2211121J018	063	SST	231,06	230,69	246,10	245,18	0,576		477,74	475,87	1000	522,26	524,13
SIH-CH-01	2111100P016	004	2211121J018	064	SST	227,56	227,52	247,90	245,40	0,582		476,04	472,92	1000	523,96	527,08

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-01	2111100P016	007	2211121J018	065	SST	227,56	227,58	246,00	245,19	0,582		474,14	472,77	1000	525,86	527,23
SIH-CH-01	2111100P016	008	2211121J018	066	SST	227,75	225,91	247,40	244,98	0,582		475,73	470,89	1000	524,27	529,11
SIH-CH-01	2111100P045	001	2211121J018	067		32,68	33,21	36,19	36,07	0,262		69,14	69,28			
SIH-CH-01	2111100P013	007	2211121J018	068	SST	214,40	214,26	247,30	244,99	0,580		462,28	459,25	1000	537,72	540,75
SIH-CH-01	2111100P013	002	2211121J018	069	SST	212,72	212,70	246,40	245,51	0,579		459,70	458,21	1000	540,30	541,79
SIH-CH-01	2111100P013	003	2211121J018	070	SST	213,02	212,95	247,80	244,85	0,579		461,40	457,80	1000	538,60	542,20
SIH-CH-01	2111100P014	001	2211121J018	071		27,16	27,23	33,49	33,47	0,152		60,80	60,70			
SIH-CH-01	2111100P014	003	2211121J018	072	SST	215,48	215,37	248,30	245,93	0,581		464,36	461,30	1000	535,64	538,70
SIH-CH-01	2111100P014	004	2211121J018	073	SST	216,28	216,52	247,30	245,93	0,578		464,16	462,45	1000	535,84	537,55
SIH-CH-01	2111100P015	008	2211121J018	074	SST	223,59	223,42	247,70	246,31	0,578		471,87	469,73	1000	528,13	530,27
SIH-CH-01	2111100P015	007	2211121J018	075	SST	224,83	224,67	247,90	246,08	0,576		473,31	470,75	1000	526,69	529,25
SIH-CH-01	2111100P015	002	2211121J018	076	SST	225,88	225,73	247,40	245,49	0,573		473,85	471,22	1000	526,15	528,78
SIH-CH-01	2111100P045	005	2211121J018	077	SST	235,60	235,69	242,80	241,69	0,661		479,06	477,38	1000	520,94	522,62
SIH-CH-01	2111100P013	008	2211121J018	078	SST	212,22	212,45	247,80	246,08	0,584		460,60	458,53	1000	539,40	541,47
SIH-CH-01	2111100P013	004	2211121J018	079	SST	213,56	213,52	246,80	245,93	0,584		460,95	459,45	1000	539,05	540,55
SIH-CH-01	2111100P014	007	2211121J018	080	SST	216,93	216,82	247,80	245,61	0,574		465,30	462,43	1000	534,70	537,57
SIH-CH-01	2111100P014	002	2211121J018	081	SST	216,19	216,14	246,80	245,84	0,580		463,57	461,98	1000	536,43	538,02
SIH-CH-01	2111100P014	008	2211121J018	082	SST	217,60	217,45	248,00	245,58	0,573		466,17	463,03	1000	533,83	536,97
SIH-CH-01	2111100P015	001	2211121J018	083		27,50	27,60	33,31	33,28	0,152		60,96	60,88			
SIH-CH-01	2111100P015	003	2211121J018	084	SST	224,17	224,09	248,10	245,95	0,578		472,84	470,04	1000	527,16	529,96
SIH-CH-01	2111100P015	004	2211121J018	085	SST	224,13	224,01	246,60	245,69	0,576		471,31	469,70	1000	528,70	530,30
SIH-CH-01	2111100P045	008	2211121J018	086	SST	235,40	235,47	243,90	241,52	0,628		479,93	476,99	1000	520,07	523,01
SIH-CH-01	2111100P013	001	2211121J018	087		26,63	26,70	33,38	34,44	0,152		60,16	61,14			
SIH-CH-01	2111100P011	007	2211121J018	088	SST	202,69	202,57	247,90	245,10	0,578		451,17	447,67	1000	548,83	552,33
SIH-CH-01	2111100P011	008	2211121J018	089	SST	202,19	202,06	246,10	245,16	0,576		448,87	447,22	1000	551,13	552,78
SIH-CH-01	2111100P011	004	2211121J018	090	SST	203,23	203,12	245,30	244,38	0,576		449,10	447,50	1000	550,90	552,50
SIH-CH-01	2111100P012	002	2211121J018	091	SST	204,17	204,05	244,90	244,12	0,577		449,65	448,17	1000	550,35	551,83
SIH-CH-01	2111100P012	007	2211121J018	092	SST	204,88	204,84	246,40	243,91	0,578		451,86	448,75	1000	548,14	551,25
SIH-CH-01	2111100P012	008	2211121J018	093	SST	204,34	204,27	246,20	243,70	0,580		451,12	447,97	1000	548,88	552,03
SIH-CH-01	2111100P045	002	2211121J018	094	SST	235,64	235,66	243,20	242,25	0,628		479,47	477,91	1000	520,54	522,09
SIH-CH-01	2111100P011	001	2211121J018	095		25,82	25,86	32,74	32,92	0,152		58,72	58,78			
SIH-CH-01	2111100P011	002	2211121J018	096	SST	201,25	201,26	246,70	244,98	0,581		448,53	446,24	1000	551,47	553,76

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-01	2111100P011	003	2211121J018	097	SST	202,28	202,32	246,40	245,54	0,581		449,27	447,86	1000	550,73	552,14
SIH-CH-01	2111100P012	001	2211121J018	098		26,22	26,33	33,37	33,34	0,152		59,74	59,67			
SIH-CH-01	2111100P012	003	2211121J018	099	SST	205,55	205,45	246,90	244,55	0,579		453,03	450,00	1000	546,97	550,00
SIH-CH-01	2111100P012	004	2211121J018	100	SST	206,03	205,94	246,20	244,62	0,578		452,80	450,56	1000	547,20	549,44
										0,000						
SIH-CH-02	2111100P055	021	2211121J016	003		40,28	40,43	33,65	33,74	0,212		74,14	74,17			
SIH-CH-02	2111100P055	009	2211121J016	004	SST	333,73	333,63	243,40	242,96	0,568		577,69	576,59	1000	422,31	423,41
SIH-CH-02	2111100P055	019	2211121J016	005	SST	333,86	333,66	246,80	244,47	0,569		581,23	578,13	1000	418,77	421,87
SIH-CH-02	2111100P055	020	2211121J016	006	SST	333,39	333,21	244,20	243,53	0,570		578,16	576,74	1000	421,84	423,26
SIH-CH-02	2111100P055	010	2211121J016	007	SST	334,18	333,97	246,10	245,30	0,570		580,85	579,27	1000	419,15	420,73
SIH-CH-02	2111100P055	001	2211121J016	010		29,25	29,37	25,55	25,55	0,170		54,97	54,92			
SIH-CH-02	2111100P055	014	2211121J016	011	BRASS	4,03	4,18	3,07	3,02	0,560		7,66	7,20	25	17,34	17,80
SIH-CH-02	2111100P055	013	2211121J016	012	BRASS	4,03	4,19	3,07	3,01	0,566		7,67	7,20	25	17,33	17,80
SIH-CH-02	2111100P055	017	2211121J016	013		29,65	29,82	26,18	26,01	0,158		55,99	55,83			
SIH-CH-02	2111100P055	016	2211121J016	014	BRASS	4,10	4,19	3,08	2,99	0,565		7,75	7,18	25	17,25	17,82
SIH-CH-02	2111100P055	015	2211121J016	015	BRASS	4,03	4,18	3,09	2,97	0,567		7,69	7,15	25	17,31	17,85
SIH-CH-02	2111100P055	012	2211121J016	019	BRASS	4,10	4,17	3,06	2,97	0,567		7,72	7,14	25	17,28	17,86
SIH-CH-02	2111100P055	002	2211121J016	020	BRASS	4,03	4,18	3,07	2,96	0,564		7,66	7,14	25	17,34	17,86
SIH-CH-02	2111100P055	003	2211121J016	021	BRASS	4,03	4,23	3,06	3,04	0,562		7,65	7,27	25	17,35	17,73
SIH-CH-02	2111100P055	006	2211121J016	022	BRASS	4,17	4,24	3,08	3,06	0,560		7,81	7,30	25	17,19	17,70
SIH-CH-02	2111100P055	004	2211121J016	023	BRASS	4,10	4,25	3,06	3,00	0,563		7,73	7,25	25	17,27	17,75
SIH-CH-02	2111100P055	005	2211121J016	024	BRASS	4,10	4,24	3,09	2,99	0,564		7,75	7,23	25	17,25	17,77
SIH-CH-02	2111100P054	010	2211121J016	025	SST	327,67	327,49	243,30	241,50	0,568		571,54	568,99			
SIH-CH-02	2111100P054	019	2211121J016	027	SST	329,42	329,23	241,20	240,54	0,564		571,19	569,77	1000	428,81	430,23
SIH-CH-02	2111100P054	020	2211121J016	028	SST	330,30	330,09	242,80	240,62	0,571		573,67	570,71	1000	426,33	429,29
SIH-CH-02	2111100P054	001	2211121J016	029		29,18	29,29	25,94	25,92	0,142		55,26	55,21			
SIH-CH-02	2111100P054	013	2211121J016	030	BRASS	4,03	4,19	3,05	3,09	0,564		7,65	7,28	25	17,35	17,72
SIH-CH-02	2111100P054	002	2211121J016	031	BRASS	4,03	4,18	3,05	2,99	0,560		7,65	7,17	25	17,35	17,83
SIH-CH-02	2111100P054	017	2211121J016	032		29,92	30,04	25,70	25,68	0,142		55,76	55,72			
SIH-CH-02	2111100P054	015	2211121J016	033	BRASS	4,03	4,16	3,07	3,03	0,568		7,67	7,19	25	17,33	17,81
SIH-CH-02	2111100P054	016	2211121J016	034	BRASS	4,10	4,18	3,07	3,06	0,561		7,73	7,24	25	17,27	17,76
SIH-CH-02	2111100P054	021	2211121J016	037		39,53	39,69	33,95	33,75	0,211		73,69	73,44			

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-02	2111100P054	009	2211121J016	038	SST	327,74	327,57	243,80	241,43	0,570		572,11	569,00			
SIH-CH-02	2111100P054	012	2211121J016	040	BRASS	4,03	4,14	3,04	2,96	0,566		7,64	7,10	25	17,36	17,90
SIH-CH-02	2111100P054	003	2211121J016	041	BRASS	4,03	4,18	3,05	2,98	0,563		7,64	7,16	25	17,36	17,84
SIH-CH-02	2111100P054	014	2211121J016	042	BRASS	4,03	4,13	3,07	2,99	0,562		7,66	7,12	25	17,34	17,88
SIH-CH-02	2111100P054	006	2211121J016	043	BRASS	4,10	4,16	3,08	2,97	0,563		7,74	7,13	25	17,26	17,87
SIH-CH-02	2111100P054	005	2211121J016	044	BRASS	4,10	4,20	3,05	2,97	0,567		7,72	7,17	25	17,28	17,83
SIH-CH-02	2111100P054	004	2211121J016	045	BRASS	4,03	4,19	3,05	2,96	0,566		7,65	7,15	25	17,35	17,85
SIH-CH-02	2111100P053	021	2211121J016	047		40,61	40,78	33,63	33,64	0,210		74,45	74,42			
SIH-CH-02	2111100P053	019	2211121J016	048	SST	326,33	326,16	245,80	243,52	0,566		572,69	569,68	1000	427,31	430,32
SIH-CH-02	2111100P053	020	2211121J016	049	SST	327,47	327,31	243,00	242,24	0,567		571,04	569,55	1000	428,96	430,45
SIH-CH-02	2111100P053	001	2211121J016	050		29,38	29,46	26,14	25,97	0,141		55,66	55,43			
SIH-CH-02	2111100P053	014	2211121J016	051	BRASS	3,97	4,14	3,04	3,02	0,559		7,57	7,16	25	17,43	17,84
SIH-CH-02	2111100P053	013	2211121J016	052	BRASS	4,03	4,14	3,05	3,05	0,565		7,65	7,19	25	17,35	17,81
SIH-CH-02	2111100P053	017	2211121J016	053		29,38	29,54	25,82	25,88	0,174		55,37	55,42			
SIH-CH-02	2111100P053	015	2211121J016	054	BRASS	4,03	4,16	3,06	3,07	0,566		7,66	7,23	25	17,34	17,77
SIH-CH-02	2111100P053	016	2211121J016	055	BRASS	3,97	4,16	3,05	3,08	0,562		7,58	7,24	25	17,42	17,76
SIH-CH-02	2111100P053	009	2211121J016	059	SST	328,41	328,14	244,30	242,28	0,571		573,28	570,42	1000	426,72	429,58
SIH-CH-02	2111100P053	010	2211121J016	060	SST	326,33	326,22	243,70	243,04	0,565		570,59	569,26	1000	429,41	430,74
SIH-CH-02	2111100P053	012	2211121J016	061	BRASS	4,03	4,14	3,04	3,00	0,563		7,64	7,14	25	17,36	17,86
SIH-CH-02	2111100P053	002	2211121J016	062	BRASS	4,03	4,15	3,07	3,00	0,560		7,67	7,15	25	17,33	17,85
SIH-CH-02	2111100P053	003	2211121J016	063	BRASS	4,03	4,15	3,07	2,98	0,564		7,67	7,13	25	17,33	17,87
SIH-CH-02	2111100P053	006	2211121J016	064	BRASS	4,03	4,11	3,06	2,98	0,566		7,66	7,09	25	17,34	17,91
SIH-CH-02	2111100P053	005	2211121J016	065	BRASS	3,97	4,15	3,07	2,98	0,564		7,60	7,13	25	17,40	17,87
SIH-CH-02	2111100P053	004	2211121J016	066	BRASS	3,97	4,15	3,07	2,98	0,560		7,59	7,13	25	17,41	17,87
SIH-CH-02	2111100P025	003	2211121J016	069		26,97	27,12	32,00	31,96	0,195		59,16	59,08			
SIH-CH-02	2111100P025	001	2211121J016	070	BRASS	14,19	14,18	16,79	16,60	0,580		31,56	30,78	100	68,44	69,22
SIH-CH-02	2111100P025	002	2211121J016	071	BRASS	14,05	14,21	16,75	16,69	0,579		31,38	30,90			
SIH-CH-02	2111100P028	001	2211121J016	072	BRASS	15,66	15,79	16,68	16,74	0,642		32,99	32,53	100	67,01	67,47
SIH-CH-02	2111100P028	002	2211121J016	073	BRASS	15,60	15,65	16,73	16,67	0,634		32,96	32,32	100	67,04	67,68
SIH-CH-02	2111100P029	001	2211121J016	074	BRASS	15,80	15,82	16,76	16,61	0,582		33,14	32,43	100	66,86	67,57
SIH-CH-02	2111100P029	002	2211121J016	075	BRASS	15,80	15,77	16,70	16,64	0,582		33,08	32,41	100	66,92	67,59
SIH-CH-02	2111100P029	003	2211121J016	076		29,04	29,22	31,97	32,12	0,244		61,26	61,34			

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-02	2111100P025	006	2211121J016	079	BRASS	14,12	14,21	16,60	16,69	0,579		31,30	30,90	100	68,70	69,10
SIH-CH-02	2111100P025	007	2211121J016	080	BRASS	14,12	14,23	16,90	16,74	0,583		31,60	30,97	100	68,40	69,03
SIH-CH-02	2111100P028	006	2211121J016	081	BRASS	15,60	15,62	16,71	16,60	0,580		32,89	32,22	100	67,11	67,78
SIH-CH-02	2111100P028	007	2211121J016	082	BRASS	15,60	15,67	16,68	16,58	0,578		32,86	32,25	100	67,14	67,75
SIH-CH-02	2111100P028	003	2211121J016	083		28,64	29,08	31,62	31,45	0,239		60,50	60,53			
SIH-CH-02	2111100P029	006	2211121J016	084	BRASS	15,80	15,82	16,77	16,73	0,578		33,15	32,55	100	66,85	67,45
SIH-CH-02	2111100P029	007	2211121J016	085	BRASS	15,73	15,84	16,67	16,68	0,580		32,98	32,52	100	67,02	67,48
SIH-CH-02	2111100P026	001	2211121J016	089	BRASS	14,52	14,60	16,64	16,63	0,637		31,80	31,23			
SIH-CH-02	2111100P026	002	2211121J016	090	BRASS	14,52	14,59	16,80	16,64	0,642		31,97	31,23	100	68,04	68,77
SIH-CH-02	2111100P027	001	2211121J016	091	BRASS	14,86	14,92	16,60	16,59	0,642		32,10	31,51	100	67,90	68,49
SIH-CH-02	2111100P027	002	2211121J016	092	BRASS	14,86	14,95	16,68	16,57	0,640		32,18	31,52	100	67,82	68,48
SIH-CH-02	2111100P027	003	2211121J016	093		27,97	28,11	31,52	31,40	0,194		59,68	59,51			
SIH-CH-02	2111100P026	003	2211121J016	096		27,77	27,97	31,77	31,73	0,292		59,83	59,70			
SIH-CH-02	2111100P026	006	2211121J016	097	BRASS	14,52	14,64	16,71	16,66	0,579		31,81	31,30	100	68,19	68,70
SIH-CH-02	2111100P026	007	2211121J016	098	BRASS	14,46	14,56	16,62	16,63	0,579		31,66	31,19	100	68,34	68,81
SIH-CH-02	2111100P027	006	2211121J016	099	BRASS	14,86	14,92	16,76	16,63	0,583		32,20	31,55	100	67,80	68,45
SIH-CH-02	2111100P027	007	2211121J016	100	BRASS	14,93	14,92	16,76	16,58	0,582		32,27	31,50	100	67,73	68,50
										0,000						
SIH-CH-03	2111100P051	003	2211121J019	001	BRASS	2,76	2,92	2,85	2,82	0,585		6,19	5,74	25	18,81	19,26
SIH-CH-03	2111100P051	006	2211121J019	002	BRASS	2,82	2,92	2,84	2,84	0,587		6,25	5,76	25	18,75	19,24
SIH-CH-03	2111100P051	009	2211121J019	003	BRASS	2,82	2,94	2,87	2,88	0,655		6,35	5,82	25	18,65	19,18
SIH-CH-03	2111100P051	005	2211121J019	004	SST	226,99	227,18	228,40	226,48	0,638		456,02	453,66	1000	543,98	546,34
SIH-CH-03	2111100P051	008	2211121J019	005	SST	226,55	226,65	227,10	226,39	0,624		454,28	453,04	1000	545,72	546,96
SIH-CH-03	2111100P051	002	2211121J019	006	SST	226,92	227,02	227,80	225,87	0,663		455,38	452,89	1000	544,62	547,11
SIH-CH-03	2111100P051	001	2211121J019	007		32,47	32,59	34,53	34,30	0,261		67,26	66,89			
SIH-CH-03	2111100P051	007	2211121J019	008		25,75	25,87	27,49	27,31	0,256		53,50	53,18			
SIH-CH-03	2111100P050	007	2211121J019	009		25,49	25,49	27,41	27,99	0,257		53,15	53,48			
SIH-CH-03	2111100P050	005	2211121J019	010	SST	224,83	224,94	228,00	227,31	0,633		453,47	452,25	1000	546,54	547,75
SIH-CH-03	2111100P050	002	2211121J019	011	SST	224,33	224,44	227,50	226,67	0,666		452,50	451,11	1000	547,50	548,89
SIH-CH-03	2111100P049	005	2211121J019	012	SST	215,58	215,77	226,70	226,18	0,638		442,92	441,95	1000	557,08	558,05
SIH-CH-03	2111100P049	008	2211121J019	013	SST	215,18	215,31	226,80	225,95	0,635		442,61	441,26	1000	557,39	558,74
SIH-CH-03	2111100P049	003	2211121J019	014	BRASS	2,62	2,77	2,85	2,77	0,582		6,06	5,54	25	18,94	19,46

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-03	2111100P049	006	2211121J019	015	BRASS	2,69	2,73	2,87	2,76	0,582		6,14	5,49	25	18,86	19,51
SIH-CH-03	2111100P046	001	2211121J019	016		29,85	29,95	34,22	34,19	0,198		64,27	64,14			
SIH-CH-03	2111100P050	003	2211121J019	017	BRASS	2,76	2,86	2,88	2,79	0,582		6,21	5,65	25	18,79	19,35
SIH-CH-03	2111100P050	001	2211121J019	018		31,94	32,08	34,17	34,31	0,266		66,37	66,39			
SIH-CH-03	2111100P050	008	2211121J019	019	SST	224,67	224,68	229,30	226,98	0,636		454,60	451,66	1000	545,40	548,34
SIH-CH-03	2111100P049	001	2211121J019	020		30,80	30,90	34,06	34,11	0,258		65,11	65,01			
SIH-CH-03	2111100P049	002	2211121J019	021	SST	215,61	215,72	226,20	225,20	0,602		442,41	440,92	1000	557,59	559,08
SIH-CH-03	2111100P049	007	2211121J019	022		23,74	23,91	25,79	25,82	0,146		49,67	49,73			
SIH-CH-03	2111100P049	004	2211121J019	023	BRASS	2,62	2,78	2,86	2,78	0,582		6,06	5,56	25	18,94	19,44
SIH-CH-03	2111100P049	009	2211121J019	024	BRASS	2,62	2,76	2,87	2,78	0,587		6,08	5,54	25	18,92	19,46
SIH-CH-03	2111100P046	005	2211121J019	025	SST	201,75	201,73	227,10	226,38	0,574		429,42	428,11	1000	570,58	571,89
SIH-CH-03	2111100P050	009	2211121J019	026	BRASS	2,76	2,87	2,86	2,84	0,652		6,27	5,71	25	18,73	19,29
SIH-CH-03	2111100P048	001	2211121J019	027		31,00	31,19	35,13	35,10	0,198		66,33	66,29			
SIH-CH-03	2111100P048	005	2211121J019	028	SST	211,68	211,88	229,50	228,62	0,631		441,81	440,50	1000	558,19	559,50
SIH-CH-03	2111100P048	007	2211121J019	029		24,68	24,73	27,52	27,58	0,145		52,34	52,31			
SIH-CH-03	2111100P048	003	2211121J019	030	BRASS	2,62	2,78	2,90	2,93	0,581		6,10	5,71	25	18,90	19,29
SIH-CH-03	2111100P047	001	2211121J019	031		30,06	30,20	34,56	34,30	0,273		64,89	64,50			
SIH-CH-03	2111100P047	002	2211121J019	032	SST	205,72	205,75	231,70	230,01	0,568		437,99	435,76	1000	562,01	564,24
SIH-CH-03	2111100P047	007	2211121J019	033		24,41	24,52	27,27	27,30	0,145		51,82	51,82			
SIH-CH-03	2111100P047	003	2211121J019	034	BRASS	2,56	2,70	2,86	2,84	0,588		6,00	5,54	25	19,00	19,46
SIH-CH-03	2111100P046	002	2211121J019	035	SST	201,54	201,54	226,90	226,23	0,604		429,05	427,77	1000	570,95	572,23
SIH-CH-03	2111100P046	008	2211121J019	036	SST	201,65	201,70	227,20	226,36	0,566		429,42	428,06	1000	570,58	571,94
SIH-CH-03	2111100P050	006	2211121J019	037	BRASS	2,82	2,86	2,88	2,80	0,582		6,28	5,66	25	18,72	19,34
SIH-CH-03	2111100P048	002	2211121J019	038	SST	211,61	211,78	230,60	228,32	0,570		442,78	440,10	1000	557,22	559,90
SIH-CH-03	2111100P048	008	2211121J019	039	SST	211,21	211,30	229,10	227,80	0,635		440,94	439,10	1000	559,06	560,90
SIH-CH-03	2111100P048	009	2211121J019	040	BRASS	2,56	2,70	2,87	2,79	0,582		6,01	5,49	25	18,99	19,51
SIH-CH-03	2111100P048	006	2211121J019	041	BRASS	2,62	2,69	2,88	2,80	0,580		6,09	5,49	25	18,91	19,51
SIH-CH-03	2111100P047	005	2211121J019	042	SST	205,08	205,27	230,10	229,31	0,573		435,76	434,58	1000	564,24	565,42
SIH-CH-03	2111100P047	008	2211121J019	043	SST	205,58	205,60	231,60	229,77	0,572		437,75	435,37	1000	562,25	564,63
SIH-CH-03	2111100P047	009	2211121J019	044		2,56	2,64	2,91	2,79	0,583		6,05	5,43			
SIH-CH-03	2111100P047	006	2211121J019	045	BRASS	2,56	2,63	2,86	2,76	0,580		6,00	5,39	25	19,01	19,61
SIH-CH-03	2111100P052	009	2211121J019	046	BRASS	2,89	3,00	2,86	2,84	0,652		6,40	5,84	25	18,60	19,16

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-03	2111100P052	007	2211121J019	047		26,09	26,24	27,28	27,24	0,272		53,64	53,48			
SIH-CH-03	2111100P046	003	2211121J019	048	BRASS	2,49	2,59	2,86	2,80	0,586		5,94	5,39	25	19,06	19,61
SIH-CH-03	2111100P046	006	2211121J019	049	BRASS	2,42	2,54	2,88	2,78	0,582		5,88	5,32	25	19,12	19,68
SIH-CH-03	2111100P024	001	2211121J019	050		25,15	25,32	31,79	31,53	0,147		57,08	56,85			
SIH-CH-03	2111100P024	002	2211121J019	051	SST	231,56	231,44	231,70	229,96	0,592		463,86	461,40	1000	536,14	538,60
SIH-CH-03	2111100P024	003	2211121J019	052	SST	230,35	230,33	230,50	229,78	0,593		461,45	460,11	1000	538,55	539,89
SIH-CH-03	2111100P023	001	2211121J019	053		25,08	25,18	31,96	31,77	0,175		57,21	56,95			
SIH-CH-03	2111100P023	002	2211121J019	054	SST	228,33	228,29	233,70	232,22	0,589		462,62	460,51	1000	537,38	539,49
SIH-CH-03	2111100P023	003	2211121J019	055	SST	228,20	228,10	232,20	231,63	0,590		460,99	459,73	1000	539,01	540,27
SIH-CH-03	2111100P052	003	2211121J019	056	BRASS	2,89	3,03	2,88	2,81	0,582		6,35	5,84	25	18,65	19,16
SIH-CH-03	2111100P052	006	2211121J019	057	BRASS	2,89	2,98	2,86	2,81	0,584		6,33	5,79	25	18,67	19,21
SIH-CH-03	2111100P046	007	2211121J019	058		23,26	23,40	26,05	25,92	0,173		49,48	49,32			
SIH-CH-03	2111100P046	004	2211121J019	059	BRASS	2,42	2,59	2,86	2,84	0,582		5,86	5,43	25	19,14	19,57
SIH-CH-03	2111100P046	009	2211121J019	060	BRASS	2,49	2,59	2,86	2,84	0,583		5,93	5,43	25	19,07	19,57
SIH-CH-03	2111100P024	004	2211121J019	061	SST	232,57	232,53	231,80	229,66	0,587		464,96	462,19	1000	535,04	537,81
SIH-CH-03	2111100P024	007	2211121J019	062	SST	231,97	231,86	232,20	230,02	0,588		464,75	461,88	1000	535,25	538,12
SIH-CH-03	2111100P024	008	2211121J019	063	SST	231,36	231,18	231,60	230,46	0,590		463,55	461,64	1000	536,45	538,36
SIH-CH-03	2111100P023	004	2211121J019	064	SST	228,54	228,50	234,30	231,65	0,594		463,43	460,15	1000	536,57	539,85
SIH-CH-03	2111100P023	007	2211121J019	065	SST	228,06	227,95	232,70	231,96	0,595		461,36	459,91	1000	538,64	540,09
SIH-CH-03	2111100P023	008	2211121J019	066	SST	229,11	229,00	234,70	232,50	0,595		464,41	461,50	1000	535,59	538,50
SIH-CH-03	2111100P052	001	2211121J019	067		32,88	32,96	34,41	34,38	0,272		67,56	67,34			
SIH-CH-03	2111100P020	007	2211121J019	068	SST	209,66	209,61	230,50	229,66	0,592		440,75	439,27	1000	559,25	560,73
SIH-CH-03	2111100P020	002	2211121J019	069	SST	209,08	209,28	229,90	229,00	0,592		439,57	438,28	1000	560,43	561,72
SIH-CH-03	2111100P020	003	2211121J019	070	SST	209,82	209,80	229,90	228,86	0,593		440,31	438,66	1000	559,69	561,34
SIH-CH-03	2111100P021	001	2211121J019	071		24,21	24,24	31,58	31,83	0,148		55,93	56,07			
SIH-CH-03	2111100P021	003	2211121J019	072	SST	215,92	215,94	229,90	228,41	0,592		446,41	444,35	1000	553,59	555,65
SIH-CH-03	2111100P021	004	2211121J019	073	SST	214,24	214,24	230,70	228,38	0,590		445,52	442,62	1000	554,48	557,38
SIH-CH-03	2111100P022	008	2211121J019	074	SST	221,44	221,39	232,50	231,68	0,591		454,53	453,07	1000	545,47	546,93
SIH-CH-03	2111100P022	007	2211121J019	075	SST	221,67	221,54	233,80	231,38	0,591		456,06	452,92	1000	543,94	547,08
SIH-CH-03	2111100P022	002	2211121J019	076	SST	222,61	222,58	232,00	231,09	0,586		455,20	453,67	1000	544,80	546,33
SIH-CH-03	2111100P052	005	2211121J019	077	SST	234,86	234,76	229,50	228,78	0,638		465,00	463,54	1000	535,00	536,46
SIH-CH-03	2111100P020	008	2211121J019	078	SST	209,66	209,68	229,70	228,86	0,595		439,95	438,54	1000	560,05	561,46

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-03	2111100P020	004	2211121J019	079	SST	210,97	210,88	231,70	229,29	0,595		443,26	440,17	1000	556,74	559,83
SIH-CH-03	2111100P021	007	2211121J019	080	SST	216,86	216,89	229,10	228,28	0,588		446,55	445,17	1000	553,45	554,83
SIH-CH-03	2111100P021	002	2211121J019	081	SST	215,88	215,82	228,80	227,87	0,594		445,27	443,69	1000	554,73	556,31
SIH-CH-03	2111100P021	008	2211121J019	082	SST	215,18	215,18	229,40	228,63	0,585		445,16	443,81	1000	554,84	556,19
SIH-CH-03	2111100P022	001	2211121J019	083		24,54	24,67	32,10	31,95	0,147		56,79	56,62			
SIH-CH-03	2111100P022	003	2211121J019	084	SST	220,53	220,49	233,70	231,45	0,591		454,82	451,94	1000	545,18	548,06
SIH-CH-03	2111100P022	004	2211121J019	085	SST	221,67	221,63	233,90	232,08	0,590		456,16	453,71	1000	543,84	546,29
SIH-CH-03	2111100P052	008	2211121J019	086	SST	233,92	233,97	229,90	228,99	0,639		464,46	462,96	1000	535,54	537,04
SIH-CH-03	2111100P020	001	2211121J019	087		23,47	23,66	31,82	31,88	0,147		55,43	55,54			
SIH-CH-03	2111100P018	007	2211121J019	088	SST	199,77	199,75	232,30	229,83	0,592		432,66	429,58	1000	567,34	570,42
SIH-CH-03	2111100P018	008	2211121J019	089	SST	200,80	200,78	231,60	230,73	0,588		432,99	431,51	1000	567,01	568,49
SIH-CH-03	2111100P018	004	2211121J019	090	SST	199,73	199,75	230,80	229,87	0,588		431,12	429,62	1000	568,88	570,38
SIH-CH-03	2111100P019	002	2211121J019	091	SST	205,99	205,96	229,10	228,11	0,590		435,68	434,07	1000	564,32	565,93
SIH-CH-03	2111100P019	007	2211121J019	092	SST	206,46	206,39	230,80	228,55	0,592		437,85	434,94	1000	562,15	565,06
SIH-CH-03	2111100P019	008	2211121J019	093	SST	207,40	207,33	232,00	228,20	0,592		439,99	435,53	1000	560,01	564,47
SIH-CH-03	2111100P052	002	2211121J019	094	SST	234,43	234,53	229,30	228,17	0,664		464,39	462,70	1000	535,61	537,30
SIH-CH-03	2111100P018	001	2211121J019	095		23,13	23,25	31,95	31,73	0,147		55,23	54,98			
SIH-CH-03	2111100P018	002	2211121J019	096	SST	199,30	199,33	231,10	230,30	0,594		430,99	429,63	1000	569,01	570,37
SIH-CH-03	2111100P018	003	2211121J019	097	SST	198,69	198,80	232,90	230,47	0,593		432,18	429,27	1000	567,82	570,73
SIH-CH-03	2111100P019	001	2211121J019	098		23,34	23,48	31,62	31,45	0,148		55,10	54,93			
SIH-CH-03	2111100P019	003	2211121J019	099	SST	206,19	206,16	230,60	228,45	0,592		437,38	434,61	1000	562,62	565,39
SIH-CH-03	2111100P019	004	2211121J019	100	SST	206,39	206,43	229,00	228,63	0,591		435,98	435,06	1000	564,02	564,94
										0,000						
SIH-CH-04	2111100P058	021	2211121J020	003		40,01	40,19	32,63	32,63	0,190		72,83	72,82			
SIH-CH-04	2111100P058	009	2211121J020	004	SST	331,44	331,27	228,90	228,31	0,541		560,88	559,58	1000	439,12	440,42
SIH-CH-04	2111100P058	019	2211121J020	005	SST	333,17	333,04	230,10	229,41	0,541		563,81	562,45	1000	436,19	437,55
SIH-CH-04	2111100P058	020	2211121J020	006	SST	333,91	333,75	230,50	229,70	0,546		564,95	563,45	1000	435,05	436,55
SIH-CH-04	2111100P058	010	2211121J020	007	SST	331,15	331,06	230,70	229,83	0,545		562,39	560,89	1000	437,61	439,11
SIH-CH-04	2111100P058	001	2211121J020	010		29,72	29,93	25,17	25,21	0,152		55,04	55,14			
SIH-CH-04	2111100P058	014	2211121J020	011	BRASS	4,03	4,17	2,86	2,83	0,535		7,43	7,00	25	17,57	18,00
SIH-CH-04	2111100P058	013	2211121J020	012	BRASS	4,03	4,19	2,87	2,82	0,542		7,44	7,01	25	17,56	17,99
SIH-CH-04	2111100P058	017	2211121J020	013		29,79	29,91	25,26	25,24	0,153		55,20	55,15			

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-04	2111100P058	016	2211121J020	014	BRASS	4,10	4,16	2,87	2,79	0,539		7,51	6,95	25	17,49	18,05
SIH-CH-04	2111100P058	015	2211121J020	015	BRASS	4,10	4,16	2,88	2,79	0,543		7,53	6,95	25	17,47	18,05
SIH-CH-04	2111100P058	012	2211121J020	019	BRASS	4,10	4,17	2,89	2,78	0,542		7,54	6,95	25	17,46	18,05
SIH-CH-04	2111100P058	004	2211121J020	020	BRASS	4,10	4,19	2,87	2,76	0,535		7,50	6,95	25	17,50	18,05
SIH-CH-04	2111100P058	003	2211121J020	021	BRASS	4,03	4,23	2,87	2,84	0,533		7,44	7,07	25	17,56	17,93
SIH-CH-04	2111100P058	006	2211121J020	022	BRASS	4,10	4,21	2,88	2,87	0,533		7,51	7,08	25	17,49	17,92
SIH-CH-04	2111100P058	002	2211121J020	023	BRASS	4,10	4,22	2,88	2,81	0,541		7,53	7,03	25	17,47	17,97
SIH-CH-04	2111100P058	005	2211121J020	024	BRASS	4,03	4,22	2,87	2,79	0,537		7,44	7,01	25	17,56	17,99
SIH-CH-04	2111100P057	019	2211121J020	027	SST	334,71	334,48	227,90	227,30	0,538		563,15	561,78	1000	436,85	438,22
SIH-CH-04	2111100P057	020	2211121J020	028	SST	334,13	334,00	229,40	228,66	0,543		564,07	562,66	1000	435,93	437,34
SIH-CH-04	2111100P057	001	2211121J020	029		29,18	29,31	25,08	25,11	0,151		54,41	54,42			
SIH-CH-04	2111100P057	013	2211121J020	030	BRASS	4,10	4,24	2,87	2,90	0,538		7,51	7,14	25	17,49	17,86
SIH-CH-04	2111100P057	004	2211121J020	031	BRASS	4,10	4,25	2,89	2,81	0,539		7,53	7,06	25	17,47	17,94
SIH-CH-04	2111100P057	017	2211121J020	032		29,65	29,78	25,22	25,02	0,152		55,02	54,80			
SIH-CH-04	2111100P057	015	2211121J020	033	BRASS	4,10	4,20	2,87	2,83	0,547		7,52	7,03	25	17,48	17,97
SIH-CH-04	2111100P057	016	2211121J020	034	BRASS	4,17	4,22	2,87	2,86	0,536		7,58	7,08	25	17,42	17,92
SIH-CH-04	2111100P057	021	2211121J020	037		40,14	40,22	32,97	32,70	0,190		73,30	72,92			
SIH-CH-04	2111100P057	009	2211121J020	038	SST	333,71	333,50	229,80	227,89	0,542		564,05	561,39	1000	435,95	438,61
SIH-CH-04	2111100P057	010	2211121J020	039	SST	333,91	333,67	229,80	227,39	0,541		564,25	561,06	1000	435,75	438,94
SIH-CH-04	2111100P057	012	2211121J020	040	BRASS	4,10	4,19	2,88	2,79	0,540		7,52	6,98	25	17,48	18,02
SIH-CH-04	2111100P057	003	2211121J020	041	BRASS	4,10	4,24	2,87	2,79	0,534		7,50	7,03	25	17,50	17,97
SIH-CH-04	2111100P057	014	2211121J020	042	BRASS	4,10	4,19	2,87	2,80	0,532		7,50	6,99	25	17,50	18,01
SIH-CH-04	2111100P057	006	2211121J020	043	BRASS	4,10	4,20	2,88	2,79	0,537		7,52	6,99	25	17,48	18,01
SIH-CH-04	2111100P057	005	2211121J020	044	BRASS	4,10	4,24	2,87	2,79	0,542		7,52	7,03	25	17,48	17,97
SIH-CH-04	2111100P057	002	2211121J020	045	BRASS	4,10	4,21	2,87	2,78	0,534		7,51	6,99	25	17,49	18,01
SIH-CH-04	2111100P056	021	2211121J020	047		40,21	40,31	32,49	32,38	0,189		72,89	72,69			
SIH-CH-04	2111100P056	019	2211121J020	048	SST	336,26	335,99	228,80	228,13	0,538		565,60	564,12	1000	434,40	435,88
SIH-CH-04	2111100P056	020	2211121J020	049	SST	335,52	335,22	229,20	227,63	0,541		565,26	562,85	1000	434,74	437,15
SIH-CH-04	2111100P056	001	2211121J020	050		29,59	29,71	24,74	24,50	0,152		54,48	54,21			
SIH-CH-04	2111100P056	014	2211121J020	051	BRASS	4,10	4,25	2,88	2,84	0,531		7,51	7,09	25	17,49	17,91
SIH-CH-04	2111100P056	013	2211121J020	052	BRASS	4,10	4,26	2,89	2,86	0,539		7,53	7,12	25	17,47	17,88
SIH-CH-04	2111100P056	017	2211121J020	053		30,19	30,31	24,88	24,95	0,152		55,22	55,26			

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-04	2111100P056	015	2211121J020	054	BRASS	4,17	4,27	2,88	2,90	0,541		7,59	7,17	25	17,41	17,83
SIH-CH-04	2111100P056	016	2211121J020	055	BRASS	4,17	4,27	2,88	2,91	0,536		7,58	7,18			
SIH-CH-04	2111100P056	009	2211121J020	059	SST	336,13	335,90	228,80	228,20	0,545		565,47	564,10	1000	434,53	435,90
SIH-CH-04	2111100P056	010	2211121J020	060	SST	335,59	335,33	228,90	227,16	0,539		565,03	562,49	1000	434,97	437,51
SIH-CH-04	2111100P056	012	2211121J020	061	BRASS	4,10	4,24	2,87	2,83	0,535		7,50	7,07	25	17,50	17,93
SIH-CH-04	2111100P056	004	2211121J020	062	BRASS	4,10	4,28	2,88	2,82	0,535		7,52	7,10	25	17,48	17,90
SIH-CH-04	2111100P056	003	2211121J020	063	BRASS	4,10	4,26	2,88	2,81	0,537		7,52	7,07	25	17,48	17,93
SIH-CH-04	2111100P056	006	2211121J020	064	BRASS	4,17	4,22	2,89	2,80	0,537		7,60	7,02	25	17,40	17,98
SIH-CH-04	2111100P056	005	2211121J020	065	BRASS	4,17	4,27	2,89	2,79	0,541		7,60	7,06	25	17,40	17,94
SIH-CH-04	2111100P056	002	2211121J020	066	BRASS	4,17	4,24	2,90	2,80	0,530		7,59	7,04	25	17,41	17,96
SIH-CH-04	2111100P032	003	2211121J020	069		27,90	28,09	31,25	31,05	0,192		59,35	59,14			
SIH-CH-04	2111100P032	001	2211121J020	070	BRASS	14,93	14,91	15,72	15,55	0,551		31,20	30,46	100	68,80	69,54
SIH-CH-04	2111100P032	002	2211121J020	071	BRASS	14,86	14,95	15,82	15,77	0,548		31,23	30,72	100	68,77	69,28
SIH-CH-04	2111100P035	001	2211121J020	072	BRASS	16,07	16,15	15,84	15,88	0,622		32,53	32,03	100	67,47	67,97
SIH-CH-04	2111100P035	002	2211121J020	073	BRASS	16,14	16,15	15,61	15,59	0,614		32,36	31,74	100	67,64	68,26
SIH-CH-04	2111100P036	001	2211121J020	074	BRASS	16,41	16,46	15,84	15,81	0,555		32,80	32,27	100	67,20	67,73
SIH-CH-04	2111100P036	002	2211121J020	075	BRASS	16,41	16,46	15,81	15,63	0,550		32,77	32,09	100	67,23	67,91
SIH-CH-04	2111100P036	003	2211121J020	076		29,99	30,14	30,17	30,24	0,241		60,40	60,38			
SIH-CH-04	2111100P032	006	2211121J020	079	BRASS	14,86	14,93	15,62	15,59	0,550		31,03	30,52	100	68,97	69,48
SIH-CH-04	2111100P032	007	2211121J020	080	BRASS	14,79	14,94	15,60	15,70	0,554		30,95	30,64	100	69,05	69,36
SIH-CH-04	2111100P035	006	2211121J020	081	BRASS	16,07	16,12	15,82	15,72	0,552		32,44	31,84	100	67,56	68,16
SIH-CH-04	2111100P035	007	2211121J020	082	BRASS	16,07	16,13	15,67	15,68	0,547		32,28	31,81	100	67,72	68,19
SIH-CH-04	2111100P035	003	2211121J020	083		29,39	29,47	30,86	30,80	0,238		60,49	60,27			
SIH-CH-04	2111100P036	006	2211121J020	084	BRASS	16,41	16,48	15,62	15,67	0,548		32,57	32,15	100	67,43	67,85
SIH-CH-04	2111100P036	007	2211121J020	085	BRASS	16,47	16,47	15,87	15,74	0,554		32,90	32,21	100	67,10	67,79
SIH-CH-04	2111100P033	001	2211121J020	089	BRASS	15,20	15,25	15,82	15,56	0,616		31,63	30,81	100	68,37	69,19
SIH-CH-04	2111100P033	002	2211121J020	090	BRASS	15,20	15,25	15,67	15,64	0,613		31,48	30,89	100	68,52	69,11
SIH-CH-04	2111100P034	001	2211121J020	091	BRASS	15,73	15,74	15,93	15,82	0,625		32,29	31,56	100	67,71	68,44
SIH-CH-04	2111100P034	002	2211121J020	092	BRASS	15,67	15,74	15,77	15,66	0,611		32,05	31,40	100	67,95	68,60
SIH-CH-04	2111100P034	003	2211121J020	093		28,98	29,10	30,73	30,60	0,192		59,90	59,70			
SIH-CH-04	2111100P033	003	2211121J020	096		28,51	28,64	30,24	30,31	0,301		59,05	58,95			
SIH-CH-04	2111100P033	006	2211121J020	097	BRASS	15,26	15,30	15,93	15,84	0,548		31,74	31,14	100	68,26	68,86

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-04	2111100P033	007	2211121J020	098	BRASS	15,20	15,26	15,55	15,54	0,550		31,30	30,80	100	68,70	69,20
SIH-CH-04	2111100P034	006	2211121J020	099	BRASS	15,73	15,74	15,71	15,68	0,556		32,00	31,42	100	68,00	68,58
SIH-CH-04	2111100P034	007	2211121J020	100	BRASS	15,60	15,71	15,65	15,53	0,550		31,80	31,24	100	68,20	68,76
										0,000						
SIH-CH-05	2111100P068	008	2211121J017	009	BRASS	10,36	10,53	17,81	17,89	0,613		28,78	28,42	100	71,22	71,58
SIH-CH-05	2111100P068	017	2211121J017	010	BRASS	10,62	10,74	17,56	17,55	0,663		28,85	28,29	100	71,15	71,71
SIH-CH-05	2111100P068	004	2211121J017	011		23,87	24,11	35,29	35,28	0,224		59,38	59,39			
SIH-CH-05	2111100P068	005	2211121J017	012	BRASS	10,62	10,76	17,82	17,85	0,666		29,11	28,61	100	70,89	71,39
SIH-CH-05	2111100P068	014	2211121J017	013	BRASS	10,56	10,64	17,78	17,71	0,661		29,00	28,35	100	71,00	71,65
SIH-CH-05	2111100P068	002	2211121J017	014	BRASS	10,49	10,56	17,83	17,71	0,615		28,93	28,27	100	71,07	71,73
SIH-CH-05	2111100P068	006	2211121J017	015	BRASS	10,56	10,63	17,54	17,40	0,611		28,71	28,03	100	71,29	71,97
SIH-CH-05	2111100P068	018	2211121J017	017	BRASS	10,49	10,56	17,82	17,82	0,613		28,92	28,38	100	71,08	71,62
SIH-CH-05	2111100P068	016	2211121J017	018		23,47	23,77	34,49	34,42	0,241		58,20	58,19			
SIH-CH-05	2111100P068	015	2211121J017	020	BRASS	10,69	10,75	18,27	18,26	0,609		29,57	29,01	100	70,43	70,99
SIH-CH-05	2111100P068	013	2211121J017	021		23,60	23,65	35,20	35,25	0,293		59,09	58,90			
SIH-CH-05	2111100P068	003	2211121J017	022	BRASS	10,49	10,64	17,86	17,81	0,608		28,96	28,45	100	71,04	71,55
SIH-CH-05	2111100P068	001	2211121J017	023		23,87	23,97	34,47	34,43	0,288		58,63	58,40			
SIH-CH-05	2111100P068	012	2211121J017	024	BRASS	10,49	10,59	17,74	17,62	0,609		28,84	28,21	100	71,16	71,79
SIH-CH-05	2111100P068	007	2211121J017	028		23,74	23,84	34,95	35,02	0,288		58,97	58,86			
SIH-CH-05	2111100P067	008	2211121J017	029	BRASS	11,03	11,21	17,48	17,45	0,653		29,16	28,66	100	70,84	71,34
SIH-CH-05	2111100P067	016	2211121J017	030		24,81	24,91	34,84	34,69	0,234		59,89	59,60			
SIH-CH-05	2111100P067	017	2211121J017	031	BRASS	11,16	11,28	17,65	17,67	0,603		29,41	28,95	100	70,59	71,05
SIH-CH-05	2111100P067	005	2211121J017	032	BRASS	11,16	11,35	17,72	17,63	0,657		29,54	28,98	100	70,46	71,02
SIH-CH-05	2111100P067	013	2211121J017	033		24,74	24,84	35,33	35,18	0,285		60,36	60,02			
SIH-CH-05	2111100P067	014	2211121J017	034	BRASS	11,23	11,33	17,75	17,77	0,603		29,58	29,10	100	70,42	70,90
SIH-CH-05	2111100P067	002	2211121J017	035	BRASS	11,30	11,44	17,70	17,77	0,605		29,60	29,21	100	70,40	70,79
SIH-CH-05	2111100P067	007	2211121J017	040		24,61	24,69	35,19	35,03	0,285		60,08	59,72			
SIH-CH-05	2111100P067	018	2211121J017	041	BRASS	11,16	11,20	17,41	17,40	0,603		29,17	28,60	100	70,83	71,40
SIH-CH-05	2111100P067	006	2211121J017	042	BRASS	11,23	11,33	17,64	17,64	0,604		29,47	28,97	100	70,53	71,03
SIH-CH-05	2111100P067	004	2211121J017	043		24,54	24,70	35,45	35,50	0,283		60,28	60,20			
SIH-CH-05	2111100P067	015	2211121J017	044	BRASS	11,09	11,16	18,06	17,96	0,604		29,76	29,12	100	70,24	70,88
SIH-CH-05	2111100P067	003	2211121J017	045	BRASS	11,16	11,25	17,78	17,67	0,601		29,54	28,92	100	70,46	71,08

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-05	2111100P067	001	2211121J017	046		24,74	24,88	34,77	34,69	0,219		59,73	59,57			
SIH-CH-05	2111100P067	012	2211121J017	047	BRASS	11,16	11,34	17,63	17,71	0,666		29,46	29,05	100	70,54	70,95
SIH-CH-05	2111100P066	011	2211121J017	049	SST	259,91	260,06	247,00	246,36	0,592		507,51	506,42	1000	492,49	493,58
SIH-CH-05	2111100P066	012	2211121J017	050	SST	258,81	258,87	249,60	247,24	0,593		509,00	506,11	1000	491,00	493,89
SIH-CH-05	2111100P066	005	2211121J017	051		34,36	34,61	35,88	35,66	0,288		70,53	70,27			
SIH-CH-05	2111100P066	006	2211121J017	052	BRASS	18,49	18,59	17,81	17,78	0,593		36,89	36,37	200	163,11	163,63
SIH-CH-05	2111100P065	006	2211121J017	053	BRASS	18,49	18,62	18,03	17,99	0,597		37,12	36,61	200	162,88	163,39
SIH-CH-05	2111100P065	010	2211121J017	054		33,28	33,55	33,84	33,86	0,213		67,34	67,41			
SIH-CH-05	2111100P065	011	2211121J017	055	SST	261,16	261,22	249,10	247,94	0,590		510,85	509,16	1000	489,15	490,84
SIH-CH-05	2111100P065	012	2211121J017	056	SST	260,35	260,26	252,20	250,14	0,592		513,14	510,40	1000	486,86	489,60
SIH-CH-05	2111100P069	007	2211121J017	057	SST	260,18	260,11	249,20	248,66	0,599		509,98	508,77	1000	490,02	491,23
SIH-CH-05	2111100P069	003	2211121J017	058	SST	261,83	261,69	250,20	249,53	0,596		512,63	511,22	1000	487,37	488,78
SIH-CH-05	2111100P064	015	2211121J017	059	SST	139,84	139,88	248,80	246,86	0,598		389,24	386,74	1000	610,76	613,26
SIH-CH-05	2111100P066	010	2211121J017	060		33,35	33,57	33,75	33,80	0,210		67,31	67,37			
SIH-CH-05	2111100P066	003	2211121J017	061	SST	260,79	260,93	248,10	247,49	0,595		509,48	508,42	1000	490,52	491,58
SIH-CH-05	2111100P066	004	2211121J017	062	SST	258,87	258,98	249,60	247,42	0,592		509,06	506,40	1000	490,94	493,60
SIH-CH-05	2111100P066	013	2211121J017	063	BRASS	18,62	18,72	17,65	17,64	0,592		36,86	36,36	200	163,14	163,64
SIH-CH-05	2111100P065	005	2211121J017	064		34,03	34,17	34,67	34,74	0,294		68,99	68,91			
SIH-CH-05	2111100P065	013	2211121J017	065	BRASS	18,36	18,44	17,89	17,86	0,590		36,84	36,30	200	163,16	163,70
SIH-CH-05	2111100P065	003	2211121J017	066	SST	261,83	261,85	250,90	248,66	0,595		513,33	510,51	1000	486,67	489,49
SIH-CH-05	2111100P065	004	2211121J017	067	SST	259,88	259,92	251,60	249,60	0,592		512,07	509,52	1000	487,93	490,48
SIH-CH-05	2111100P069	002	2211121J017	068		33,62	33,73	34,55	34,19	0,226		68,39	67,92			
SIH-CH-05	2111100P069	001	2211121J017	069	SST	261,76	261,60	250,80	249,12	0,597		513,16	510,72	1000	486,84	489,28
SIH-CH-05	2111100P069	006	2211121J017	070	SST	260,96	260,77	251,40	249,16	0,598		512,96	509,93	1000	487,04	490,07
SIH-CH-05	2111100P064	016	2211121J017	071	SST	138,98	139,10	248,70	248,10	0,595		388,28	387,20	1000	611,72	612,80
SIH-CH-05	2111100P064	001	2211121J017	072		22,79	22,92	33,99	34,07	0,212		56,99	56,99			
SIH-CH-05	2111100P064	012	2211121J017	073	SST	139,12	139,18	249,40	247,20	0,593		389,11	386,38	1000	610,89	613,62
SIH-CH-05	2111100P064	013	2211121J017	074	SST	138,65	138,70	248,50	246,76	0,599		387,75	385,46	1000	612,25	614,54
SIH-CH-05	2111100P064	017	2211121J017	075	SST	139,64	139,71	249,10	248,35	0,597		389,33	388,06	1000	610,67	611,94
SIH-CH-05	2111100P064	018	2211121J017	076	SST	140,31	140,26	249,80	247,91	0,590		390,70	388,17	1000	609,30	611,83
SIH-CH-05	2111100P063	014	2211121J017	077		23,00	23,17	34,20	34,31	0,213		57,41	57,48			
SIH-CH-05	2111100P063	015	2211121J017	078	SST	142,88	142,98	251,50	249,91	0,597		394,98	392,89	1000	605,02	607,11

Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
						measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-05	2111100P063	016	2211121J017	079	SST	143,47	143,55	250,60	249,90	0,594		394,66	393,45	1000	605,34	606,55
SIH-CH-05	2111100P063	012	2211121J017	080	SST	143,81	143,90	250,70	250,12	0,589		395,10	394,02	1000	604,90	605,98
SIH-CH-05	2111100P063	013	2211121J017	081	SST	143,69	143,79	252,10	249,83	0,596		396,39	393,62	1000	603,61	606,38
SIH-CH-05	2111100P064	004	2211121J017	082	SST	139,12	139,22	247,70	245,83	0,592		387,41	385,05	1000	612,59	614,95
SIH-CH-05	2111100P064	005	2211121J017	083	SST	139,39	139,53	246,90	246,15	0,593		386,88	385,68	1000	613,12	614,32
SIH-CH-05	2111100P064	002	2211121J017	084	SST	138,76	138,86	249,20	247,28	0,596		388,56	386,14	1000	611,44	613,86
SIH-CH-05	2111100P064	003	2211121J017	085	SST	138,83	138,97	248,50	247,66	0,592		387,92	386,63	1000	612,08	613,37
SIH-CH-05	2111100P064	006	2211121J017	086		22,66	22,86	34,21	34,29	0,215		57,08	57,15			
SIH-CH-05	2111100P064	007	2211121J017	087	SST	139,39	139,51	249,80	247,87	0,592		389,78	387,38	1000	610,22	612,62
SIH-CH-05	2111100P064	008	2211121J017	088	SST	139,72	139,78	249,40	248,62	0,599		389,72	388,40	1000	610,28	611,60
SIH-CH-05	2111100P063	004	2211121J017	089	SST	143,13	143,21	249,70	248,95	0,594		393,43	392,16	1000	606,57	607,84
SIH-CH-05	2111100P063	005	2211121J017	090	SST	142,95	143,04	251,70	249,05	0,590		395,24	392,09	1000	604,76	607,91
SIH-CH-05	2111100P063	002	2211121J017	091	SST	144,28	144,32	251,60	249,51	0,597		396,47	393,83	1000	603,53	606,17
SIH-CH-05	2111100P063	003	2211121J017	092	SST	143,83	143,92	251,90	250,25	0,596		396,32	394,17	1000	603,68	605,83
SIH-CH-05	2111100P063	001	2211121J017	093		23,27	23,36	34,45	34,21	0,214		57,93	57,57			
SIH-CH-05	2111100P064	014	2211121J017	094		22,46	22,57	34,42	34,37	0,213		57,09	56,94			
SIH-CH-05	2111100P062	019	2211121J017	095		32,75	32,79	35,80	35,84	0,235		68,78	68,63			
SIH-CH-05	2111100P062	018	2211121J017	096	SST	234,59	234,56	246,90	246,20	0,593		482,09	480,76	1000	517,91	519,24
SIH-CH-05	2111100P062	002	2211121J017	097		29,85	29,99	32,47	32,51	0,218		62,54	62,50			
SIH-CH-05	2111100P062	012	2211121J017	098	BRASS	16,27	16,35	16,98	16,97	0,601		33,85	33,32	100	66,15	66,68
SIH-CH-05	2111100P062	003	2211121J017	099	BRASS	16,27	16,38	17,34	17,15	0,593		34,20	33,53	100	65,80	66,47
SIH-CH-05	2111100P059	007	2211121J017	100	SST	300,08	299,89	251,60	249,23	0,595		552,28	549,12	1000	447,72	450,88
SIH-CH-05	2111100P059	008	2211121J017	101	SST	301,81	301,65	251,60	249,10	0,590		554,00	550,75	1000	446,00	449,25
SIH-CH-05	2111100P060	002	2211121J017	102		36,72	36,83	34,64	34,63	0,217		71,58	71,46			
SIH-CH-05	2111100P060	007	2211121J017	103	SST	301,13	301,05	250,50	249,95	0,600		552,23	551,00	1000	447,77	449,00
SIH-CH-05	2111100P060	008	2211121J017	104	SST	300,33	300,30	250,90	249,37	0,593		551,82	549,67	1000	448,18	450,33
SIH-CH-05	2111100P062	005	2211121J017	105		31,87	32,09	34,69	34,74	0,287		66,84	66,83			
SIH-CH-05	2111100P062	007	2211121J017	106	SST	233,62	233,60	248,30	245,49	0,597		482,51	479,09	1000	517,49	520,91
SIH-CH-05	2111100P062	008	2211121J017	107	SST	234,02	233,98	245,70	244,91	0,595		480,32	478,89	1000	519,68	521,11
SIH-CH-05	2111100P062	001	2211121J017	108	BRASS	16,34	16,43	17,07	16,94	0,594		34,00	33,37	100	66,00	66,63
SIH-CH-05	2111100P062	013	2211121J017	109	BRASS	16,27	16,38	17,21	17,10	0,594		34,07	33,48	100	65,93	66,52
SIH-CH-05	2111100P059	002	2211121J017	110		36,91	37,07	34,36	34,40	0,215		71,49	71,47			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CH-05	2111100P059	003	2211121J017	111	SST	302,37	302,52	251,30	248,59	0,595		554,27	551,11	1000	445,73	448,89
SIH-CH-05	2111100P059	004	2211121J017	112	SST	300,15	300,00	250,70	249,14	0,594		551,44	549,14	1000	448,56	450,86
SIH-CH-05	2111100P060	003	2211121J017	113	SST	300,42	300,39	249,00	248,09	0,598		550,02	548,48	1000	449,98	451,52
SIH-CH-05	2111100P060	004	2211121J017	114	SST	302,31	302,31	252,50	250,10	0,595		555,40	552,41	1000	444,60	447,59
SIH-CH-05	2111100P062	016	2211121J017	115	BRASS	16,68	16,75	17,56	17,53	0,595		34,83	34,28	100	65,17	65,72
SIH-CH-05	2111100P061	016	2211121J017	116	BRASS	16,68	16,72	17,84	17,73	0,596		35,11	34,45	100	64,89	65,55
SIH-CH-05	2111100P061	007	2211121J017	117	SST	235,84	235,82	248,80	246,55	0,599		485,24	482,37	1000	514,76	517,63
SIH-CH-05	2111100P061	018	2211121J017	118	SST	234,90	234,87	248,00	246,44	0,594		483,49	481,31	1000	516,51	518,69
SIH-CH-05	2111100P061	012	2211121J017	119	BRASS	16,47	16,50	17,10	17,03	0,599		34,17	33,53	100	65,83	66,47
SIH-CH-05	2111100P061	003	2211121J017	120	BRASS	16,41	16,55	16,96	16,80	0,590		33,96	33,35	100	66,04	66,65
SIH-CH-05	2111100P061	002	2211121J017	121		29,78	29,92	32,64	32,57	0,217		62,64	62,49			
SIH-CH-05	2111100P062	015	2211121J017	122	BRASS	16,81	16,87	17,78	17,70	0,594		35,18	34,57	100	64,82	65,43
SIH-CH-05	2111100P061	015	2211121J017	123	BRASS	16,74	16,80	17,76	17,73	0,597		35,10	34,53	100	64,90	65,47
SIH-CH-05	2111100P061	005	2211121J017	124		32,01	32,15	34,34	34,00	0,291		66,64	66,15			
SIH-CH-05	2111100P061	008	2211121J017	125	SST	235,67	235,58	247,00	246,12	0,591		483,26	481,70	1000	516,74	518,30
SIH-CH-05	2111100P061	019	2211121J017	126		33,08	33,25	36,61	36,54	0,235		69,93	69,79			
SIH-CH-05	2111100P061	001	2211121J017	127	BRASS	16,41	16,53	16,91	16,95	0,592		33,91	33,48	100	66,09	66,52
SIH-CH-05	2111100P061	013	2211121J017	128	BRASS	16,47	16,58	17,02	17,06	0,595		34,09	33,64	100	65,91	66,36

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-06	111200 P003	24	311200 J005	1	224,3000		SSH-SH-06	311200 P005	1	112100P008	6	0,360		224,66		400	175,34	
SIH-IH-06	111200 P003	25	311200 J005	2	225,9000		SSH-SH-06	311200 P005	2	112100P008	7	0,358		226,26		400	173,74	
SIH-IH-06	111200 P003	27	311200 J005	3	31,7200		SSH-SH-06	311200 P005	3	112100P008	NC			31,72				
SIH-IH-06	111200 P003	31	311200 J005	6	11,03		SSH-SH-06	311200 P005	6	112100P008	NC			11,03				
SIH-IH-06	111200 P003	50	311200 J005	7	16,12		SSH-SH-06	311200 P005	7	112100P008	26	0,361		16,48		50	33,52	
SIH-IH-06	111200 P003	22	311200 J005	8	225,8000		SSH-SH-06	311200 P005	8	112100P008	19	0,356		226,16		400	173,84	
SIH-IH-06	111200 P003	8	311200 J005	9	225,9000		SSH-SH-06	311200 P005	9	112100P008	36	0,361		226,26		400	173,74	
SIH-IH-06	111200 P003	17	311200 J005	14	16,4400		SSH-SH-06	311200 P005	14	112100P008	10	0,360		16,80		50	33,20	
SIH-IH-06	111200 P003	6	311200 J005	15	225,0000		SSH-SH-06	311200 P005	15	112100P008	33	0,352		225,35		400	174,65	
SIH-IH-06	111200 P003	5	311200 J005	16	227,1000		SSH-SH-06	311200 P005	16	112100P008	32	0,358		227,46		400	172,54	
SIH-IH-06	111200 P003	9	311200 J005	17	224,5000		SSH-SH-06	311200 P005	17	112100P008	22	0,358		224,86		400	175,14	
SIH-IH-06	111200 P003	49	311200 J005	22	15,8900		SSH-SH-06	311200 P005	22	112100P008	25	0,354		16,24		50	33,76	
SIH-IH-06	111200 P003	16	311200 J005	23	16,1300		SSH-SH-06	311200 P005	23	112100P008	9	0,356		16,49		50	33,51	
SIH-IH-06	111200 P003	43	311200 J005	25	25,2000		SSH-SH-06	311200 P005	25	112100P008	NC	0,000		25,20				
SIH-IH-06	111200 P003	40	311200 J005	26	225,7000		SSH-SH-06	311200 P005	26	112100P008	19	0,359		226,06		400	173,94	
SIH-IH-06	111200 P003	38	311200 J005	27	225,9000		SSH-SH-06	311200 P005	27	112100P008	18	0,352		226,25		400	173,75	
SIH-IH-06	111200 P001	44	311200 J005	28	7,2000		SSH-SH-06	311200 P005	28	112100P008	NC	0,000		7,20				
SIH-IH-06	111200 P003	10	311200 J005	29	0,4949		SSH-SH-06	311200 P005	29	112100P008	8	0,353		0,85		1	0,15	
SIH-IH-06	111200 P003	26	311200 J005	30	0,4701		SSH-SH-06	311200 P005	30	112100P008	24	0,352		0,82		1	0,18	
SIH-IH-06	111200 P003	2	311200 J005	31	0,1086		SSH-SH-06	311200 P005	31	112100P008	31	0,118		0,23		0,05	-0,18	
SIH-IH-06	111200 P003	15	311200 J005	32	16,08		SSH-SH-06	311200 P005	32	112100P008	38	0,352		16,43		50	33,57	
SIH-IH-06	111200 P003	48	311200 J005	33	16,03		SSH-SH-06	311200 P005	33	112100P008	39	0,355		16,38		50	33,62	
SIH-IH-06	111200 P003	12	311200 J005	34	226,7000		SSH-SH-06	311200 P005	34	112100P008	13	0,358		227,06		400	172,94	
SIH-IH-06	111200 P003	45	311200 J005	35	226,5000		SSH-SH-06	311200 P005	35	112100P008	29	0,357		226,86		400	173,14	
SIH-IH-06	111200 P003	23	311200 J005	37	225,5000		SSH-SH-06	311200 P005	37	112100P008	2	0,357		225,86		400	174,14	
SIH-IH-06	111200 P003	7	311200 J005	38	225,9000		SSH-SH-06	311200 P005	38	112100P008	3	0,355		226,25		400	173,75	
SIH-IH-06	111200 P001	10	311200 J005	39	0,4876		SSH-SH-06	311200 P005	39	112100P007	8	0,354		0,84		1	0,16	
SIH-IH-06	111200 P001	26	311200 J005	40	0,4675		SSH-SH-06	311200 P005	40	112100P007	24	0,351		0,82		1	0,18	
SIH-IH-06	111200 P003	44	311200 J005	41	7,2000		SSH-SH-06	311200 P005	41	112100P008	NC	0,000		7,20				
SIH-IH-06	111200 P003	19	311200 J005	42	0,1091		SSH-SH-06	311200 P005	42	112100P008	17	0,120		0,23		0,05	-0,18	
SIH-IH-06	111200 P003	19	311200 J005	43	0,1091		SSH-SH-06	311200 P005	43	112100P008	17	0,114		0,22		0,05	-0,17	
SIH-IH-06	111200 P001	19	311200 J005	44	0,1082		SSH-SH-06	311200 P005	44	112100P007	17	0,122		0,23		0,05	-0,18	
SIH-IH-06	111200 P001	19	311200 J005	45	0,1082		SSH-SH-06	311200 P005	45	112100P007	87,7	0,000		0,11		0,05	-0,06	
SIH-IH-06	111200 P003	13	311200 J005	46	226,1000		SSH-SH-06	311200 P005	46	112100P008	42	0,363		226,46		400	173,54	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-06	111200 P003	46	311200 J005	47	226,3000		SSH-SH-06	311200 P005	47	112100P008	43	0,358		226,66		400	173,34	
SIH-IH-06	111200 P003	39	311200 J005	49	225,0000		SSH-SH-06	311200 P005	49	112100P008	18	0,354		225,35		400	174,65	
SIH-IH-06	111200 P003	21	311200 J005	51	0,4591		SSH-SH-06	311200 P005	51	112100P008	5	0,353		0,81		1	0,19	
SIH-IH-06	111200 P003	37	311200 J005	52	0,4584		SSH-SH-06	311200 P005	52	112100P008	21	0,357		0,82		1	0,18	
SIH-IH-06	111200 P003	2	311200 J005	53	0,0188		SSH-SH-06	311200 P005	53	112100P008	31	0,094		0,11		0,05	-0,06	
SIH-IH-06	111200 P003	3	311200 J005	54	0,1069		SSH-SH-06	311200 P005	54	112100P008	31	0,091		0,20		0,05	-0,15	
SIH-IH-06	111200 P001	2	311200 J005	55	0,1079		SSH-SH-06	311200 P005	55	112100P007	31	0,122		0,23		0,05	-0,18	
SIH-IH-06	111200 P001	2	311200 J005	56	0,1078		SSH-SH-06	311200 P005	56	112100P007	31	0,086		0,19		0,05	-0,14	
SIH-IH-06	111200 P003	47	311200 J005	57	227,5000		SSH-SH-06	311200 P005	57	112100P008	28	0,356		227,86		400	172,14	
SIH-IH-06	111200 P003	14	311200 J005	58	227,2000		SSH-SH-06	311200 P005	58	112100P008	12	0,364		227,56		400	172,44	
SIH-IH-06	111200 P003	20	311200 J005	62	0,4617		SSH-SH-06	311200 P005	62	112100P008	20	0,356		0,82		1	0,18	
SIH-IH-06	111200 P003	4	311200 J005	63	0,5359		SSH-SH-06	311200 P005	63	112100P008	4	0,357		0,89		1	0,11	
SIH-IH-06	111200 P003	1	311200 J005	64	0,1088		SSH-SH-06	311200 P005	64	112100P008	1	0,122		0,23		0,05	-0,18	
SIH-IH-06	111200 P003	36	311200 J005	65	0,1062		SSH-SH-06	311200 P005	65	112100P008	17	0,088		0,19		0,05	-0,14	
SIH-IH-06	111200 P001	36	311200 J005	66	0,1055		SSH-SH-06	311200 P005	66	112100P007	17	0,085		0,19		0,05	-0,14	
SIH-IH-06	111200 P001	3	311200 J005	67	0,1054		SSH-SH-06	311200 P005	67	112100P007	31	0,088		0,19		0,05	-0,14	
SIH-IH-06	111200 P001	41	311200 J005	68	2,5000		SSH-SH-06	311200 P005	68	112100P007	NC	0,000		2,50				
SIH-IH-06	111200 P003	28	311200 J005	69	15,2000		SSH-SH-06	311200 P005	69	112100P008	NC			15,20				
SIH-IH-06	111200 P001	27	311200 J005	70	32,0500		SSH-SH-06	311200 P005	70	112100P007	NC	0,000		32,05				
SIH-IH-06	111200 P003	42	311200 J005	73	3,7000		SSH-SH-06	311200 P005	73	112100P007	NC	0,000		3,70				
SIH-IH-06	111200 P001	42	311200 J005	74	3,6300		SSH-SH-06	311200 P005	74	112100P007	NC	0,000		3,63				
SIH-IH-06	111200 P003	34	311200 J005	75	0,1092		SSH-SH-06	311200 P005	75	112100P008	16	0,121		0,23		0,05	-0,18	
SIH-IH-06	111200 P003	34	311200 J005	76	0,1095		SSH-SH-06	311200 P005	76	112100P008	16	0,091		0,20		0,05	-0,15	
SIH-IH-06	111200 P003	41	311200 J005	77	2,6000		SSH-SH-06	311200 P005	77	112100P008	NC	0,000		2,60				
SIH-IH-06	111200 P001	1	311200 J005	78	0,1078		SSH-SH-06	311200 P005	78	112100P007	1	0,122		0,23		0,05	-0,18	
SIH-IH-06	111200 P001	35	311200 J005	79	0,1056		SSH-SH-06	311200 P005	79	112100P007	16	0,122		0,23		0,05	-0,18	
SIH-IH-06	111200 P001	25	311200 J005	81	224,3000		SSH-SH-06	311200 P005	81	112100P007	7	0,362		224,66		400	175,34	
SIH-IH-06	111200 P001	37	311200 J005	85	0,4270		SSH-SH-06	311200 P005	85	112100P007	21	0,356		0,78		1	0,22	
SIH-IH-06	111200 P001	21	311200 J005	86	0,4280		SSH-SH-06	311200 P005	86	112100P007	5	0,353		0,78		1	0,22	
SIH-IH-06	111200 P003	1	311200 J005	87	0,1090		SSH-SH-06	311200 P005	87	112100P008	1	0,089		0,20		0,05	-0,15	
SIH-IH-06	111200 P003	18	311200 J005	88	0,1068		SSH-SH-06	311200 P005	88	112100P008	1	0,086		0,19		0,05	-0,14	
SIH-IH-06	111200 P001	1	311200 J005	89	0,1079		SSH-SH-06	311200 P005	89	112100P007	1	0,089		0,20		0,05	-0,15	
SIH-IH-06	111200 P001	18	311200 J005	90	0,1057		SSH-SH-06	311200 P005	90	112100P007	1	0,085		0,19		0,05	-0,14	
SIH-IH-06	111200 P001	31	311200 J005	91	16,3900		SSH-SH-06	311200 P005	91	112100P007	NC	0,000		16,39				

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-06	111200 P001	8	311200 J005	92	224,7000		SSH-SH-06	311200 P005	92	112100P007	36	0,364		225,06		400	174,94	
SIH-IH-06	111200 P001	24	311200 J005	93	225,9000		SSH-SH-06	311200 P005	93	112100P007	6	0,366		226,27		400	173,73	
SIH-IH-06	111200 P001	4	311200 J005	97	0,4250		SSH-SH-06	311200 P005	97	112100P007	4	0,352		0,78		1	0,22	
SIH-IH-06	111200 P001	20	311200 J005	98	0,4260		SSH-SH-06	311200 P005	98	112100P007	20	0,355		0,78		1	0,22	
SIH-IH-06	111200 P003	35	311200 J005	99	0,1065		SSH-SH-06	311200 P005	99	112100P008	16	0,091		0,20		0,05	-0,15	
SIH-IH-06	111200 P001	34	311200 J005	100	0,1082		SSH-SH-06	311200 P005	100	112100P007	16	0,088		0,20		0,05	-0,15	
SIH-IH-06	111200 P001	34	311200 J005	101	0,1082		SSH-SH-06	311200 P005	101	112100P007	16	0,088		0,20		0,05	-0,15	
SIH-IH-06	111200 P001	50	311200 J005	102	16,09		SSH-SH-06	311200 P005	102	112100P007	25	0,359		16,45		50	33,55	
SIH-IH-06	111200 P001	9	311200 J005	104	223,6000		SSH-SH-06	311200 P005	104	112100P007	22	0,365		223,96		400	176,04	
SIH-IH-06	111200 P001	43	311200 J005	109	24,9000		SSH-SH-06	311200 P005	109	112100P007	NC	0,000		24,90				
SIH-IH-06	111200 P001	40	311200 J005	110	224,8000		SSH-SH-06	311200 P005	110	112100P007	19	0,356		225,16		400	174,84	
SIH-IH-06	111200 P001	6	311200 J005	111	223,1000		SSH-SH-06	311200 P005	111	112100P007	33	0,355		223,45		400	176,55	
SIH-IH-06	111200 P001	16	311200 J005	112	16,05		SSH-SH-06	311200 P005	112	112100P007	38	0,356		16,41		50	33,59	
SIH-IH-06	111200 P001	17	311200 J005	113	16,3400		SSH-SH-06	311200 P005	113	112100P007	9	0,361		16,70		50	33,30	
SIH-IH-06	111200 P001	46	311200 J005	116	224,2000		SSH-SH-06	311200 P005	116	112100P007	43	0,355		224,55		400	175,45	
SIH-IH-06	111200 P001	14	311200 J005	117	224,1000		SSH-SH-06	311200 P005	117	112100P007	12	0,358		224,46		400	175,54	
SIH-IH-06	111200 P001	23	311200 J005	118	224,2000		SSH-SH-06	311200 P005	118	112100P007	2	0,362		224,56		400	175,44	
SIH-IH-06	111200 P001	7	311200 J005	119	223,8000		SSH-SH-06	311200 P005	119	112100P007	3	0,355		224,16		400	175,84	
SIH-IH-06	111200 P001	22	311200 J005	120	223,5000		SSH-SH-06	311200 P005	120	112100P007	19	0,360		223,86		400	176,14	
SIH-IH-06	111200 P001	49	311200 J005	121	16,02		SSH-SH-06	311200 P005	121	112100P007	39	0,356		16,38		50	33,62	
SIH-IH-06	111200 P001	13	311200 J005	123	224,7000		SSH-SH-06	311200 P005	123	112100P007	42	0,363		225,06		400	174,94	
SIH-IH-06	111200 P001	47	311200 J005	124	223,7000		SSH-SH-06	311200 P005	124	112100P007	28	0,353		224,05		400	175,95	
SIH-IH-06	111200 P001	28	311200 J005	125	27,1000		SSH-SH-06	311200 P005	125	112100P007	NC	0,000		27,10				
SIH-IH-06	111200 P001	39	311200 J005	126	223,1000		SSH-SH-06	311200 P005	126	112100P007	18	0,352		223,45		400	176,55	
SIH-IH-06	111200 P001	5	311200 J005	127	223,3000		SSH-SH-06	311200 P005	127	112100P007	32	0,360		223,66		400	176,34	
SIH-IH-06	111200 P001	38	311200 J005	128	225,1000		SSH-SH-06	311200 P005	128	112100P007	18	0,357		225,46		400	174,54	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
IH	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-07	111200 P007	24	311200 J007	1	231,7000		SIH-SH-07	311200 P007	1	112100P010	6	0,370		232,07		400	167,93	
SIH-IH-07	111200 P007	25	311200 J007	2	232,4000		SIH-SH-07	311200 P007	2	112100P010	7	0,370		232,77		400	167,23	
SIH-IH-07	111200 P007	27	311200 J007	3	32,7100		SIH-SH-07	311200 P007	3	112100 P010	NC	0,000		32,71				
SIH-IH-07	111200 P007	31	311200 J007	6	11,17		SIH-SH-07	311200 P007	6	112100 P010	NC	0,000		11,17				
SIH-IH-07	111200 P007	50	311200 J007	7	16,4300		SIH-SH-07	311200 P007	7	112100P010	26	0,366		16,80		50	33,20	
SIH-IH-07	111200 P007	22	311200 J007	8	233,3000		SIH-SH-07	311200 P007	8	112100P010	19	0,360		233,66		400	166,34	
SIH-IH-07	111200 P007	8	311200 J007	9	229,8000		SIH-SH-07	311200 P007	9	112100P010	22	0,374		230,17		400	169,83	
SIH-IH-07	111200 P007	17	311200 J007	14	16,6700		SIH-SH-07	311200 P007	14	112100P010	10	0,364		17,03		50	32,97	
SIH-IH-07	111200 P007	6	311200 J007	15	231,9000		SIH-SH-07	311200 P007	15	112100P010	33	0,356		232,26		400	167,74	
SIH-IH-07	111200 P007	5	311200 J007	16	231,8000		SIH-SH-07	311200 P007	16	112100P010	32	0,360		232,16		400	167,84	
SIH-IH-07	111200 P007	9	311200 J007	17	230,2000		SIH-SH-07	311200 P007	17	112100P010	36	0,368		230,57		400	169,43	
SIH-IH-07	111200 P007	49	311200 J007	22	16,4000		SIH-SH-07	311200 P007	22	112100P010	25	0,358		16,76		50	33,24	
SIH-IH-07	111200 P007	16	311200 J007	23	16,4800		SIH-SH-07	311200 P007	23	112100P010	9	0,360		16,84		50	33,16	
SIH-IH-07	111200 P007	43	311200 J007	25	25,2000		SIH-SH-07	311200 P007	25	112100 P010	NC	0,000		25,20				
SIH-IH-07	111200 P007	40	311200 J007	26	232,5000		SIH-SH-07	311200 P007	26	112100 P010	19	0,368		232,87		400	167,13	
SIH-IH-07	111200 P007	38	311200 J007	27	232,4000		SIH-SH-07	311200 P007	27	112100P010	18	0,354		232,75		400	167,25	
SIH-IH-07	111200 P005	44	311200 J007	28	7,2000		SIH-SH-07	311200 P007	28	112100P009	NC	0,000		7,20				
SIH-IH-07	111200 P007	10	311200 J007	29	0,4910		SIH-SH-07	311200 P007	29	112100P010	8	0,359		0,85		1	0,15	
SIH-IH-07	111200 P007	26	311200 J007	30	0,4777		SIH-SH-07	311200 P007	30	112100P010	24	0,355		0,83		1	0,17	
SIH-IH-07	111200 P007	2	311200 J007	31	0,1122		SIH-SH-07	311200 P007	31	112100P010	31	0,090		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	15	311200 J007	32	16,6800		SIH-SH-07	311200 P007	32	112100P010	38	0,358		17,04		50	32,96	
SIH-IH-07	111200 P007	48	311200 J007	33	16,8600		SIH-SH-07	311200 P007	33	112100P010	39	0,362		17,22		50	32,78	
SIH-IH-07	111200 P007	12	311200 J007	34	0,2322		SIH-SH-07	311200 P007	34	112100P010	13	0,360		0,59		400	399,41	
SIH-IH-07	111200 P007	45	311200 J007	35	0,2307		SIH-SH-07	311200 P007	35	112100P010	29	0,358		0,59		400	399,41	
SIH-IH-07	111200 P007	23	311200 J007	37	232,1000		SIH-SH-07	311200 P007	37	112100P010	2	0,360		232,46		400	167,54	
SIH-IH-07	111200 P007	7	311200 J007	38	230,9000		SIH-SH-07	311200 P007	38	112100P010	3	0,358		231,26		400	168,74	
SIH-IH-07	111200 P005	10	311200 J007	39	0,4782		SIH-SH-07	311200 P007	39	112100P009	8	0,342		0,82		1	0,18	
SIH-IH-07	111200 P005	26	311200 J007	40	0,4660		SIH-SH-07	311200 P007	40	112100P009	24	0,339		0,80		1	0,20	
SIH-IH-07	111200 P007	44	311200 J007	41	7,5000		SIH-SH-07	311200 P007	41	112100 P010	NC	0,000		7,50				
SIH-IH-07	111200 P007	19	311200 J007	42	0,1123		SIH-SH-07	311200 P007	42	112100P010	17	0,088		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	19	311200 J007	43	0,1120		SIH-SH-07	311200 P007	43	112100P010	17	0,090		0,20				
SIH-IH-07	111200 P005	19	311200 J007	44	0,1111		SIH-SH-07	311200 P007	44	112100P009	17	0,085		0,20		0,05	-0,15	
SIH-IH-07	111200 P005	19	311200 J007	45	0,1112		SIH-SH-07	311200 P007	45	112100P009	17	0,086		0,20				
SIH-IH-07	111200 P007	13	311200 J007	46	230,5000		SIH-SH-07	311200 P007	46	112100P010	42	0,362		230,86		400	169,14	
SIH-IH-07	111200 P007	46	311200 J007	47	230,4000		SIH-SH-07	311200 P007	47	112100P010	43	0,355		230,75		400	169,25	
SIH-IH-07	111200 P007	39	311200 J007	49	231,5000		SIH-SH-07	311200 P007	49	112100P010	18	0,361		231,86		400	168,14	
SIH-IH-07	111200 P007	21	311200 J007	51	0,4693		SIH-SH-07	311200 P007	51	112100P010	5	0,352		0,82		1	0,18	
SIH-IH-07	111200 P007	37	311200 J007	52	0,4708		SIH-SH-07	311200 P007	52	112100P010	21	0,358		0,83		1	0,17	
SIH-IH-07	111200 P007	2	311200 J007	53	0,1118		SIH-SH-07	311200 P007	53	112100P010	31	0,089		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	3	311200 J007	54	0,1091		SIH-SH-07	311200 P007	54	112100P010	31	0,089		0,20		0,05	-0,15	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
IH	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-07	111200 P005	2	311200 J007	55	0,1111		SIH-SH-07	311200 P007	55	112100P009	31	0,085		0,20		0,05	-0,15	
SIH-IH-07	111200 P005	2	311200 J007	56	0,1112		SIH-SH-07	311200 P007	56	112100P009	31	0,086		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	47	311200 J007	57	231,2000		SIH-SH-07	311200 P007	57	112100P010	28	0,354		231,55		400	168,45	
SIH-IH-07	111200 P007	14	311200 J007	58	232,5000		SIH-SH-07	311200 P007	58	112100P010	12	0,365		232,86		400	167,14	
SIH-IH-07	111200 P007	35	311200 J007	59	0,1093		SIH-SH-07	311200 P007	59	112100P010	16	0,088		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	20	311200 J007	62	0,4706		SIH-SH-07	311200 P007	62	112100P010	20	0,355		0,83		1	0,17	
SIH-IH-07	111200 P007	4	311200 J007	63	0,6348		SIH-SH-07	311200 P007	63	112100P010	4	0,358		0,99		1	0,01	
SIH-IH-07	111200 P007	1	311200 J007	64	0,1122		SIH-SH-07	311200 P007	64	112100P010	1	0,089		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	36	311200 J007	65	0,1091		SIH-SH-07	311200 P007	65	112100P010	17	0,090		0,20		0,05	-0,15	
SIH-IH-07	111200 P005	36	311200 J007	66	0,1087		SIH-SH-07	311200 P007	66	112100P009	17	0,085		0,19		0,05	-0,14	
SIH-IH-07	111200 P005	3	311200 J007	67	0,1087		SIH-SH-07	311200 P007	67	112100P009	31	0,085		0,19		0,05	-0,14	
SIH-IH-07	111200 P005	41	311200 J007	68	2,5000		SIH-SH-07	311200 P007	68	112100P009	NC	0,000		2,50				
SIH-IH-07	111200 P007	28	311200 J007	69	15,2000		SIH-SH-07	311200 P007	69	112100 P010	NC	0,000		15,20				
SIH-IH-07	111200 P005	27	311200 J007	70	32,0500		SIH-SH-07	311200 P007	70	112100P009	NC	0,000		32,05				
SIH-IH-07	111200 P007	42	311200 J007	73	3,8000		SIH-SH-07	311200 P007	73	112100 P010	NC	0,000		3,80				
SIH-IH-07	111200 P005	42	311200 J007	74	3,8000		SIH-SH-07	311200 P007	74	112100P009	NC	0,000		3,80				
SIH-IH-07	111200 P007	34	311200 J007	75	0,1120		SIH-SH-07	311200 P007	75	112100P010	16	0,090		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	34	311200 J007	76	0,1118		SIH-SH-07	311200 P007	76	112100P010	16	0,090		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	41	311200 J007	77	2,6000		SIH-SH-07	311200 P007	77	112100 P010	NC	0,000		2,60				
SIH-IH-07	111200 P005	1	311200 J007	78	0,1111		SIH-SH-07	311200 P007	78	112100P009	1	0,119		0,23		0,05	-0,18	
SIH-IH-07	111200 P005	35	311200 J007	79	0,1087		SIH-SH-07	311200 P007	79	112100P009	16	0,119		0,23		0,05	-0,18	
SIH-IH-07	111200 P005	25	311200 J007	81	228,8000		SIH-SH-07	311200 P007	81	112100P009	7	0,355		229,15		400	170,85	
SIH-IH-07	111200 P005	37	311200 J007	85	0,5603		SIH-SH-07	311200 P007	85	112100P009	21	0,347		0,91		1	0,09	
SIH-IH-07	111200 P005	21	311200 J007	86	0,4730		SIH-SH-07	311200 P007	86	112100P009	5	0,342		0,82		1	0,18	
SIH-IH-07	111200 P007	1	311200 J007	87	0,1122		SIH-SH-07	311200 P007	87	112100P010	1	0,089		0,20		0,05	-0,15	
SIH-IH-07	111200 P007	18	311200 J007	88	0,1091		SIH-SH-07	311200 P007	88	112100P010	1	0,089		0,20		0,05	-0,15	
SIH-IH-07	111200 P005	1	311200 J007	89	0,1109		SIH-SH-07	311200 P007	89	112100P009	1	0,086		0,20		0,05	-0,15	
SIH-IH-07	111200 P005	18	311200 J007	90	0,1087		SIH-SH-07	311200 P007	90	112100P009	1	0,085		0,19		0,05	-0,14	
SIH-IH-07	111200 P005	31	311200 J007	91	16,3900		SIH-SH-07	311200 P007	91	112100P009	NC	0,000		16,39				
SIH-IH-07	111200 P005	8	311200 J007	92	230,4000		SIH-SH-07	311200 P007	92	112100P009	36	0,357		230,76		400	169,24	
SIH-IH-07	111200 P005	24	311200 J007	93	229,2000		SIH-SH-07	311200 P007	93	112100P009	6	0,360		229,56		400	170,44	
SIH-IH-07	111200 P005	4	311200 J007	97	0,6420		SIH-SH-07	311200 P007	97	112100P009	4	0,340		0,98		1	0,02	
SIH-IH-07	111200 P005	20	311200 J007	98	0,4676		SIH-SH-07	311200 P007	98	112100P009	20	0,345		0,81		1	0,19	
SIH-IH-07	111200 P005	34	311200 J007	100	0,2191		SIH-SH-07	311200 P007	100	112100P009	16	0,086		0,31		0,05	-0,26	
SIH-IH-07	111200 P005	34	311200 J007	101	0,2183		SIH-SH-07	311200 P007	101	112100P009	16	0,086		0,30		0,05	-0,25	
SIH-IH-07	111200 P005	49	311200 J007	102	16,1800		SIH-SH-07	311200 P007	102	112100P009	25	0,344		16,52		50	33,48	
SIH-IH-07	111200 P005	17	311200 J007	103	16,5100		SIH-SH-07	311200 P007	103	112100P009	10	0,348		16,86		50	33,14	
SIH-IH-07	111200 P005	9	311200 J007	104	230,0000		SIH-SH-07	311200 P007	104	112100P009	22	0,360		230,36		400	169,64	
SIH-IH-07	111200 P005	12	311200 J007	107	230,2000		SIH-SH-07	311200 P007	107	112100P009	13	0,340		230,54		400	169,46	
SIH-IH-07	111200 P005	43	311200 J007	109	24,9000		SIH-SH-07	311200 P007	109	112100P009	NC	0,000		24,90				

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
IH	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-07	111200 P005	40	311200 J007	110	224,8000		SIH-SH-07	311200 P007	110	112100P009	19	0,343		225,14		400	174,86	
SIH-IH-07	111200 P005	6	311200 J007	111	223,1000		SIH-SH-07	311200 P007	111	112100P009	33	0,341		223,44		400	176,56	
SIH-IH-07	111200 P005	15	311200 J007	112	16,2500		SIH-SH-07	311200 P007	112	112100P009	38	0,341		16,59		50	33,41	
SIH-IH-07	111200 P005	16	311200 J007	113	16,2700		SIH-SH-07	311200 P007	113	112100P009	9	0,346		16,62		50	33,38	
SIH-IH-07	111200 P005	50	311200 J007	114	16,3700		SIH-SH-07	311200 P007	114	112100P009	26	0,351		16,72		50	33,28	
SIH-IH-07	111200 P005	46	311200 J007	116	224,2000		SIH-SH-07	311200 P007	116	112100P009	43	0,340		224,54		400	175,46	
SIH-IH-07	111200 P005	14	311200 J007	117	224,1000		SIH-SH-07	311200 P007	117	112100P009	12	0,347		224,45		400	175,55	
SIH-IH-07	111200 P005	23	311200 J007	118	224,2000		SIH-SH-07	311200 P007	118	112100P009	2	0,352		224,55		400	175,45	
SIH-IH-07	111200 P005	7	311200 J007	119	223,8000		SIH-SH-07	311200 P007	119	112100P009	3	0,345		224,14		400	175,86	
SIH-IH-07	111200 P005	22	311200 J007	120	223,5000		SIH-SH-07	311200 P007	120	112100P009	19	0,347		223,85		400	176,15	
SIH-IH-07	111200 P005	48	311200 J007	121	16,4400		SIH-SH-07	311200 P007	121	112100P009	39	0,341		16,78		50	33,22	
SIH-IH-07	111200 P005	45	311200 J007	122	230,4000		SIH-SH-07	311200 P007	122	112100P009	29	0,341		230,74		400	169,26	
SIH-IH-07	111200 P005	13	311200 J007	123	224,7000		SIH-SH-07	311200 P007	123	112100P009	42	0,352		225,05		400	174,95	
SIH-IH-07	111200 P005	47	311200 J007	124	223,7000		SIH-SH-07	311200 P007	124	112100P009	28	0,344		224,04		400	175,96	
SIH-IH-07	111200 P005	28	311200 J007	125	27,1000		SIH-SH-07	311200 P007	125	112100P009	NC	0,000		27,10				
SIH-IH-07	111200 P005	39	311200 J007	126	223,1000		SIH-SH-07	311200 P007	126	112100P009	18	0,341		223,44		400	176,56	
SIH-IH-07	111200 P005	5	311200 J007	127	223,3000		SIH-SH-07	311200 P007	127	112100P009	32	0,348		223,65		400	176,35	
SIH-IH-07	111200 P005	38	311200 J007	128	225,1000		SIH-SH-07	311200 P007	128	112100P009	18	0,345		225,44		400	174,56	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-08	111200 P011	24	311300 J001	1	243,90		SSH-SH-08	311300 P001	1	112100P011	6	0,230		244,13		400	155,87	
SIH-IH-08	111200 P011	25	311300 J001	2	247,10		SSH-SH-08	311300 P001	2	112100P011	7	0,231		247,33		400	152,67	
SIH-IH-08	111200 P011	43	311300 J001	3	33,81		SSH-SH-08	311300 P001	3	112100P011	NC	0,000		33,81				
SIH-IH-08	111200 P011	27	311300 J001	4	6,90		SSH-SH-08	311300 P001	4	112100P011	NC	0,000		6,90				
SIH-IH-08	111200 P011	49	311300 J001	5	17,33		SSH-SH-08	311300 P001	5	112100P011	40	0,223		17,55		50	32,45	
SIH-IH-08	111200 P011	16	311300 J001	6	17,29		SSH-SH-08	311300 P001	6	112100P011	NC	0,000		17,29		50	32,71	
SIH-IH-08	111200 P011	32	311300 J001	7	17,30		SSH-SH-08	311300 P001	7	112100P011	26	0,227		17,53		50	32,47	
SIH-IH-08	111200 P011	22	311300 J001	8	246,60		SSH-SH-08	311300 P001	8	112100P011	19	0,227		246,83		400	153,17	
SIH-IH-08	111200 P011	8	311300 J001	9	245,90		SSH-SH-08	311300 P001	9	112100P011	36	0,232		246,13		400	153,87	
SIH-IH-08	111200 P015	CS	311300 J001	10	10,30		SSH-SH-08	311300 P001	10	112100P003	CH	0,117		10,42				
SIH-IH-08	111200 P011	50	311300 J001	11	17,43		SSH-SH-08	311300 P001	11	112100P011	27	0,227		17,66		50	32,34	
SIH-IH-08	111200 P011	33	311300 J001	12	17,38		SSH-SH-08	311300 P001	12	112100P011	41	0,226		17,61		50	32,39	
SIH-IH-08	111200 P011	48	311300 J001	13	17,59		SSH-SH-08	311300 P001	13	112100P011	25	0,224		17,81		50	32,19	
SIH-IH-08	111200 P011	44	311300 J001	14	244,00		SSH-SH-08	311300 P001	14	112100P011	15	0,227		244,23		400	155,77	
SIH-IH-08	111200 P011	6	311300 J001	15	245,80		SSH-SH-08	311300 P001	15	112100P011	33	0,223		246,02		400	153,98	
SIH-IH-08	111200 P011	5	311300 J001	16	245,60		SSH-SH-08	311300 P001	16	112100P011	32	0,227		245,83		400	154,17	
SIH-IH-08	111200 P011	9	311300 J001	17	244,80		SSH-SH-08	311300 P001	17	112100P011	22	0,229		245,03		400	154,97	
SIH-IH-08	111200 P015	9	311300 J001	18	0,59		SSH-SH-08	311300 P001	18	112100P003	9	0,230		0,82		1	0,18	
SIH-IH-08	111200 P015	1	311300 J001	19	0,58		SSH-SH-08	311300 P001	19	112100P003	1	0,233		0,81		1	0,19	
SIH-IH-08	111200 P011	17	311300 J001	20	17,45		SSH-SH-08	311300 P001	20	112100P011	11	0,228		17,68		50	32,32	
SIH-IH-08	111200 P011	15	311300 J001	21	17,35		SSH-SH-08	311300 P001	21	112100P011	9	0,221		17,57		50	32,43	
SIH-IH-08	111200 P011	14	311300 J001	22	17,33		SSH-SH-08	311300 P001	22	112100P011	38	0,221		17,55		50	32,45	
SIH-IH-08	111200 P011	11	311300 J001	23	244,00		SSH-SH-08	311300 P001	23	112100P011	14	0,225		244,23		400	155,77	
SIH-IH-08	111200 P011	45	311300 J001	24	244,30		SSH-SH-08	311300 P001	24	112100P011	30	0,225		244,53		400	155,47	
SIH-IH-08	111200 P011	42	311300 J001	25	26,50		SSH-SH-08	311300 P001	25	112100P011	NC	0,000		26,50				
SIH-IH-08	111200 P011	40	311300 J001	26	247,00		SSH-SH-08	311300 P001	26	112100P012	19	0,231		247,23		400	152,77	
SIH-IH-08	111200 P011	38	311300 J001	27	245,90		SSH-SH-08	311300 P001	27	112100P011	18	0,223		246,12		400	153,88	
SIH-IH-08	111200 P009	44	311300 J001	28	7,96		SSH-SH-08	311300 P001	28	112100P012	NC	0,000		7,96				
SIH-IH-08	111200 P011	10	311300 J001	29	0,52		SSH-SH-08	311300 P001	29	112100P011	8	0,223		0,74		1	0,26	
SIH-IH-08	111200 P011	26	311300 J001	30	0,50		SSH-SH-08	311300 P001	30	112100P011	24	0,221		0,72		1	0,28	
SIH-IH-08	111200 P011	2	311300 J001	31	0,12		SSH-SH-08	311300 P001	31	112100P011	31	0,054		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	31	311300 J001	32	17,25		SSH-SH-08	311300 P001	32	112100P011	39	0,223		17,47		50	32,53	
SIH-IH-08	111200 P011	29	311300 J001	33	244,50		SSH-SH-08	311300 P001	33	112100P011	29	0,228		244,73		400	155,27	
SIH-IH-08	111200 P011	12	311300 J001	34	243,40		SSH-SH-08	311300 P001	34	112100P011	13	0,227		243,63		400	156,37	
SIH-IH-08	111200 P011	28	311300 J001	35	243,80		SSH-SH-08	311300 P001	35	112100P011	44	0,223		244,02		400	155,98	
SIH-IH-08	111200 P011	23	311300 J001	37	246,00		SSH-SH-08	311300 P001	37	112100P011	2	0,202		246,20		400	153,80	
SIH-IH-08	111200 P011	7	311300 J001	38	244,50		SSH-SH-08	311300 P001	38	112100P011	3	0,229		244,73		400	155,27	
SIH-IH-08	111200 P009	10	311300 J001	39	0,52		SSH-SH-08	311300 P001	39	112100P012	8	0,233		0,75		1	0,25	
SIH-IH-08	111200 P009	26	311300 J001	40	0,50		SSH-SH-08	311300 P001	40	112100P012	24	0,230		0,73		1	0,27	
SIH-IH-08	111200 P011	43	311300 J001	41	7,90		SSH-SH-08	311300 P001	41	112100P011	NC	0,000		7,90				

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-08	111200 P011	19	311300 J001	42	0,12		SSH-SH-08	311300 P001	42	112100P011	17	0,054		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	19	311300 J001	43	0,12		SSH-SH-08	311300 P001	43	112100P011	17	0,056		0,17				
SIH-IH-08	111200 P009	19	311300 J001	44	0,12		SSH-SH-08	311300 P001	44	112100P012	17	0,053		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	19	311300 J001	45	0,12		SSH-SH-08	311300 P001	45	112100P012	17	0,052		0,17				
SIH-IH-08	111200 P011	13	311300 J001	46	242,80		SSH-SH-08	311300 P001	46	112100P011	42	0,227		243,03		400	156,97	
SIH-IH-08	111200 P011	46	311300 J001	47	244,00		SSH-SH-08	311300 P001	47	112100P011	43	0,223		244,22		400	155,78	
SIH-IH-08	111200 P011	39	311300 J001	49	245,80		SSH-SH-08	311300 P001	49	112100P011	18	0,229		246,03		400	153,97	
SIH-IH-08	111200 P011	21	311300 J001	51	0,50		SSH-SH-08	311300 P001	51	112100P011	5	0,227		0,72		1	0,28	
SIH-IH-08	111200 P011	37	311300 J001	52	0,49		SSH-SH-08	311300 P001	52	112100P011	21	0,231		0,72		1	0,28	
SIH-IH-08	111200 P011	2	311300 J001	53	0,12		SSH-SH-08	311300 P001	53	112100P011	31	0,059		0,18		0,05	-0,13	
SIH-IH-08	111200 P011	3	311300 J001	54	0,12		SSH-SH-08	311300 P001	54	112100P011	31	0,056		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	2	311300 J001	55	0,12		SSH-SH-08	311300 P001	55	112100P012	31	0,055		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	2	311300 J001	56	0,12		SSH-SH-08	311300 P001	56	112100P012	31	0,054		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	47	311300 J001	57	244,60		SSH-SH-08	311300 P001	57	112100P011	28	0,223		244,82		400	155,18	
SIH-IH-08	111200 P011	30	311300 J001	58	242,90		SSH-SH-08	311300 P001	58	112100P011	12	0,229		243,13		400	156,87	
SIH-IH-08	111200 P011	35	311300 J001	59	0,12		SSH-SH-08	311300 P001	59	112100P011	16	0,055		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	20	311300 J001	62	0,50		SSH-SH-08	311300 P001	62	112100P011	20	0,227		0,73		1	0,27	
SIH-IH-08	111200 P011	4	311300 J001	63	0,60		SSH-SH-08	311300 P001	63	112100P011	4	0,227		0,83		1	0,17	
SIH-IH-08	111200 P011	1	311300 J001	64	0,12		SSH-SH-08	311300 P001	64	112100P011	1	0,055		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	36	311300 J001	65	0,12		SSH-SH-08	311300 P001	65	112100P011	17	0,053		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	36	311300 J001	66	0,12		SSH-SH-08	311300 P001	66	112100P012	17	0,052		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	3	311300 J001	67	0,12		SSH-SH-08	311300 P001	67	112100P012	31	0,054		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	41	311300 J001	68	2,82		SSH-SH-08	311300 P001	68	112100P012	NC	0,000		2,82				
SIH-IH-08	111200 P011	27	311300 J001	69	15,33		SSH-SH-08	311300 P001	69	112100P011	NC	0,000		15,33				
SIH-IH-08	111200 P009	27	311300 J001	70	33,91		SSH-SH-08	311300 P001	70	112100P012	NC	0,000		33,91				
SIH-IH-08	111200 P011	41	311300 J001	73	4,03		SSH-SH-08	311300 P001	73	112100P011	NC	0,000		4,03				
SIH-IH-08	111200 P009	42	311300 J001	74	4,03		SSH-SH-08	311300 P001	74	112100P012	NC	0,000		4,03				
SIH-IH-08	111200 P011	34	311300 J001	75	0,12		SSH-SH-08	311300 P001	75	112100P011	16	0,052		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	34	311300 J001	76	0,12		SSH-SH-08	311300 P001	76	112100P011	16	0,053		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	41	311300 J001	77	2,80		SSH-SH-08	311300 P001	77	112100P011	NC	0,000		2,80				
SIH-IH-08	111200 P009	1	311300 J001	78	0,12		SSH-SH-08	311300 P001	78	112100P012	1	0,052		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	35	311300 J001	79	0,12		SSH-SH-08	311300 P001	79	112100P012	16	0,054		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	25	311300 J001	81	245,20		SSH-SH-08	311300 P001	81	112100P012	7	0,205		245,41				
SIH-IH-08	111200 P009	37	311300 J001	85	0,61		SSH-SH-08	311300 P001	85	112100P012	21	0,235		0,84		1	0,16	
SIH-IH-08	111200 P009	21	311300 J001	86	0,50		SSH-SH-08	311300 P001	86	112100P012	5	0,231		0,73		1	0,27	
SIH-IH-08	111200 P011	1	311300 J001	87	0,12		SSH-SH-08	311300 P001	87	112100P011	1	0,052		0,17		0,05	-0,12	
SIH-IH-08	111200 P011	18	311300 J001	88	0,12		SSH-SH-08	311300 P001	88	112100P011	1	0,052		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	1	311300 J001	89	0,12		SSH-SH-08	311300 P001	89	112100P012	1	0,055		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	18	311300 J001	90	0,12		SSH-SH-08	311300 P001	90	112100P012	1	0,055		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	31	311300 J001	91	11,65		SSH-SH-08	311300 P001	91	112100P012	NC	0,000		11,65				

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-08	111200 P009	8	311300 J001	92	246,90		SSH-SH-08	311300 P001	92	112100P012	36	0,203		247,10		400	152,90	
SIH-IH-08	111200 P009	24	311300 J001	93	246,20		SSH-SH-08	311300 P001	93	112100P012	6	0,203		246,40				
SIH-IH-08	111200 P009	4	311300 J001	97	0,62		SSH-SH-08	311300 P001	97	112100P012	4	0,236		0,86		1	0,14	
SIH-IH-08	111200 P009	20	311300 J001	98	0,50		SSH-SH-08	311300 P001	98	112100P012	20	0,203		0,70		1	0,30	
SIH-IH-08	111200 P009	34	311300 J001	100	0,12		SSH-SH-08	311300 P001	100	112100P012	16	0,054		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	34	311300 J001	101	0,12		SSH-SH-08	311300 P001	101	112100P012	16	0,053		0,17		0,05	-0,12	
SIH-IH-08	111200 P009	49	311300 J001	102	17,55		SSH-SH-08	311300 P001	102	112100P012	25	0,237		17,79		50	32,21	
SIH-IH-08	111200 P009	17	311300 J001	103	17,61		SSH-SH-08	311300 P001	103	112100P012	10	0,238		17,85		50	32,15	
SIH-IH-08	111200 P009	9	311300 J001	104	244,70		SSH-SH-08	311300 P001	104	112100P012	22	0,238		244,94		400	155,06	
SIH-IH-08	111200 P009	12	311300 J001	107	245,00		SSH-SH-08	311300 P001	107	112100P012	13	0,235		245,23		400	154,77	
SIH-IH-08	111200 P009	43	311300 J001	109	26,30		SSH-SH-08	311300 P001	109	112100P012	NC	0,000		26,30				
SIH-IH-08	111200 P009	40	311300 J001	110	244,20		SSH-SH-08	311300 P001	110	112100P012	19	0,233		244,43		400	155,57	
SIH-IH-08	111200 P009	6	311300 J001	111	244,60		SSH-SH-08	311300 P001	111	112100P012	33	0,233		244,83		400	155,17	
SIH-IH-08	111200 P009	15	311300 J001	112	17,37		SSH-SH-08	311300 P001	112	112100P012	38	0,235		17,61		50	32,39	
SIH-IH-08	111200 P009	16	311300 J001	113	17,60		SSH-SH-08	311300 P001	113	112100P012	9	0,205		17,81		50	32,20	
SIH-IH-08	111200 P009	50	311300 J001	114	17,60		SSH-SH-08	311300 P001	114	112100P012	26	0,207		17,81		50	32,19	
SIH-IH-08	111200 P009	46	311300 J001	116	246,60		SSH-SH-08	311300 P001	116	112100P012	43	0,232		246,83		400	153,17	
SIH-IH-08	111200 P009	14	311300 J001	117	245,20		SSH-SH-08	311300 P001	117	112100P012	12	0,204		245,40		400	154,60	
SIH-IH-08	111200 P009	23	311300 J001	118	245,10		SSH-SH-08	311300 P001	118	112100P012	2	0,206		245,31		400	154,69	
SIH-IH-08	111200 P009	7	311300 J001	119	245,00		SSH-SH-08	311300 P001	119	112100P012	3	0,234		245,23		400	154,77	
SIH-IH-08	111200 P009	22	311300 J001	120	244,20		SSH-SH-08	311300 P001	120	112100P012	19	0,237		244,44		400	155,56	
SIH-IH-08	111200 P009	48	311300 J001	121	17,74		SSH-SH-08	311300 P001	121	112100P012	39	0,235		17,98		50	32,02	
SIH-IH-08	111200 P009	45	311300 J001	122	244,80		SSH-SH-08	311300 P001	122	112100P012	29	0,236		245,04		400	154,96	
SIH-IH-08	111200 P009	13	311300 J001	123	245,30		SSH-SH-08	311300 P001	123	112100P012	42	0,203		245,50		400	154,50	
SIH-IH-08	111200 P009	47	311300 J001	124	243,80		SSH-SH-08	311300 P001	124	112100P012	28	0,235		244,04		400	155,96	
SIH-IH-08	111200 P009	28	311300 J001	125	16,14		SSH-SH-08	311300 P001	125	112100P012	NC	0,000		16,14				
SIH-IH-08	111200 P009	39	311300 J001	126	244,20		SSH-SH-08	311300 P001	126	112100P012	18	0,235		244,44		400	155,56	
SIH-IH-08	111200 P009	5	311300 J001	127	245,10		SSH-SH-08	311300 P001	127	112100P012	32	0,204		245,30		400	154,70	
SIH-IH-08	111200 P009	38	311300 J001	128	244,00		SSH-SH-08	311300 P001	128	112100P012	18	0,236		244,24		400	155,76	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-09	111200 P014	24	311300 J005	1	249,20		SSH-SH-09	311300 P005	1	112100P020	6	0,239		249,44		400	150,56	
SIH-IH-09	111200 P014	25	311300 J005	2	247,20		SSH-SH-09	311300 P005	2	112100P020	7	0,273		247,47		400	152,53	
SIH-IH-09	111200 P014	43	311300 J005	3	33,61		SSH-SH-09	311300 P005	3	112100 P020	NC	0,000		33,61				
SIH-IH-09	111200 P014	27	311300 J005	4	7,01		SSH-SH-09	311300 P005	4	112100 P020	NC	0,000		7,01				
SIH-IH-09	111200 P014	49	311300 J005	5	17,67		SSH-SH-09	311300 P005	5	112100P020	40	0,266		17,94		50	32,06	
SIH-IH-09	111200 P014	16	311300 J005	6	17,73		SSH-SH-09	311300 P005	6	112100P020	10	0,267		18,00		50	32,00	
SIH-IH-09	111200 P014	32	311300 J005	7	17,47		SSH-SH-09	311300 P005	7	112100P020	26	0,272		17,74		50	32,26	
SIH-IH-09	111200 P014	22	311300 J005	8	247,50		SSH-SH-09	311300 P005	8	112100P020	19	0,271		247,77		400	152,23	
SIH-IH-09	111200 P014	8	311300 J005	9	245,60		SSH-SH-09	311300 P005	9	112100P020	36	0,278		245,88		400	154,12	
SIH-IH-09	111200 P014	50	311300 J005	11	17,55		SSH-SH-09	311300 P005	11	112100P020	27	0,272		17,82		50	32,18	
SIH-IH-09	111200 P014	33	311300 J005	12	17,76		SSH-SH-09	311300 P005	12	112100P020	41	0,272		18,03		50	31,97	
SIH-IH-09	111200 P014	48	311300 J005	13	17,68		SSH-SH-09	311300 P005	13	112100P020	25	0,273		17,95		50	32,05	
SIH-IH-09	111200 P014	44	311300 J005	14	246,90		SSH-SH-09	311300 P005	14	112100P020	15	0,270		247,17		400	152,83	
SIH-IH-09	111200 P014	6	311300 J005	15	246,10		SSH-SH-09	311300 P005	15	112100P020	33	0,268		246,37		400	153,63	
SIH-IH-09	111200 P014	5	311300 J005	16	247,30		SSH-SH-09	311300 P005	16	112100P020	32	0,273		247,57		400	152,43	
SIH-IH-09	111200 P014	9	311300 J005	17	246,40		SSH-SH-09	311300 P005	17	112100P020	22	0,237		246,64		400	153,36	
SIH-IH-09	111200 P014	17	311300 J005	20	17,84		SSH-SH-09	311300 P005	20	112100P020	11	0,272		18,11		50	31,89	
SIH-IH-09	111200 P014	15	311300 J005	21	17,50		SSH-SH-09	311300 P005	21	112100P020	9	0,270		17,77		50	32,23	
SIH-IH-09	111200 P014	14	311300 J005	22	17,31		SSH-SH-09	311300 P005	22	112100P020	38	0,268		17,58		50	32,42	
SIH-IH-09	111200 P014	11	311300 J005	23	246,90		SSH-SH-09	311300 P005	23	112100P020	14	0,271		247,17		400	152,83	
SIH-IH-09	111200 P014	45	311300 J005	24	247,50		SSH-SH-09	311300 P005	24	112100P020	30	0,273		247,77		400	152,23	
SIH-IH-09	111200 P014	42	311300 J005	25	26,39		SSH-SH-09	311300 P005	25	112100 P020	NC	0,000		26,39				
SIH-IH-09	111200 P014	40	311300 J005	26	246,00		SSH-SH-09	311300 P005	26	112100 P020	19	0,276		246,28		400	153,72	
SIH-IH-09	111200 P014	38	311300 J005	27	245,70		SSH-SH-09	311300 P005	27	112100P020	18	0,265		245,96		400	154,04	
SIH-IH-09	111200 P013	43	311300 J005	28	8,00		SSH-SH-09	311300 P005	28	112100 P018	NC	0,000		8,00				
SIH-IH-09	111200 P014	10	311300 J005	29	0,52		SSH-SH-09	311300 P005	29	112100P020	8	0,271		0,79		1	0,21	
SIH-IH-09	111200 P014	26	311300 J005	30	0,50		SSH-SH-09	311300 P005	30	112100P020	24	0,268		0,76		1	0,24	
SIH-IH-09	111200 P014	2	311300 J005	31	0,17		SSH-SH-09	311300 P005	31	112100P020	31	0,060		0,22		0,05	-0,17	
SIH-IH-09	111200 P014	31	311300 J005	32	17,64		SSH-SH-09	311300 P005	32	112100P020	39	0,269		17,91		50	32,09	
SIH-IH-09	111200 P014	29	311300 J005	33	246,20		SSH-SH-09	311300 P005	33	112100P020	29	0,269		246,47		400	153,53	
SIH-IH-09	111200 P014	12	311300 J005	34	246,90		SSH-SH-09	311300 P005	34	112100P020	13	0,268		247,17		400	152,83	
SIH-IH-09	111200 P014	28	311300 J005	35	247,50		SSH-SH-09	311300 P005	35	112100P020	44	0,270		247,77		400	152,23	
SIH-IH-09	111200 P014	23	311300 J005	37	246,20		SSH-SH-09	311300 P005	37	112100P020	2	0,272		246,47		400	153,53	
SIH-IH-09	111200 P014	7	311300 J005	38	246,30		SSH-SH-09	311300 P005	38	112100P020	3	0,267		246,57		400	153,43	
SIH-IH-09	111200 P013	10	311300 J005	39	0,53		SSH-SH-09	311300 P005	39	112100P018	8	0,278		0,81		1	0,19	
SIH-IH-09	111200 P013	26	311300 J005	40	0,50		SSH-SH-09	311300 P005	40	112100P018	24	0,275		0,78		1	0,22	
SIH-IH-09	111200 P014	43	311300 J005	41	8,00		SSH-SH-09	311300 P005	41	112100 P020	NC	0,000		8,00				
SIH-IH-09	111200 P014	19	311300 J005	42	0,17		SSH-SH-09	311300 P005	42	112100P020	42	0,058		0,23		0,05	-0,18	
SIH-IH-09	111200 P014	19	311300 J005	43	0,17		SSH-SH-09	311300 P005	43	112100 P020	17	0,064		0,24				
SIH-IH-09	111200 P013	19	311300 J005	44	0,12		SSH-SH-09	311300 P005	44	112100 P018	17	0,070		0,19		0,05	-0,14	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-09	111200 P013	19	311300 J005	45	0,12		SSH-SH-09	311300 P005	45	112100 P018	17	0,062		0,18				
SIH-IH-09	111200 P014	13	311300 J005	46	246,80		SSH-SH-09	311300 P005	46	112100P020	42	0,274		247,07		400	152,93	
SIH-IH-09	111200 P014	46	311300 J005	47	247,30		SSH-SH-09	311300 P005	47	112100P020	43	0,268		247,57		400	152,43	
SIH-IH-09	111200 P014	39	311300 J005	49	246,90		SSH-SH-09	311300 P005	49	112100 P020	18	0,270		247,17		400	152,83	
SIH-IH-09	111200 P014	21	311300 J005	51	0,50		SSH-SH-09	311300 P005	51	112100P020	5	0,268		0,76		1	0,24	
SIH-IH-09	111200 P014	37	311300 J005	52	0,49		SSH-SH-09	311300 P005	52	112100P020	21	0,272		0,77		1	0,23	
SIH-IH-09	111200 P014	2	311300 J005	53	0,16		SSH-SH-09	311300 P005	53	112100 P020	31	0,063		0,22		0,05	-0,17	
SIH-IH-09	111200 P014	3	311300 J005	54	0,15		SSH-SH-09	311300 P005	54	112100 P020	31	0,067		0,22		0,05	-0,17	
SIH-IH-09	111200 P013	2	311300 J005	55	0,16		SSH-SH-09	311300 P005	55	112100P018	31	0,068		0,22		0,05	-0,17	
SIH-IH-09	111200 P013	2	311300 J005	56	0,12		SSH-SH-09	311300 P005	56	112100 P018	31	0,063		0,18		0,05	-0,13	
SIH-IH-09	111200 P014	47	311300 J005	57	247,00		SSH-SH-09	311300 P005	57	112100P020	28	0,269		247,27		400	152,73	
SIH-IH-09	111200 P014	30	311300 J005	58	246,50		SSH-SH-09	311300 P005	58	112100P020	12	0,279		246,78		400	153,22	
SIH-IH-09	111200 P014	20	311300 J005	62	0,50		SSH-SH-09	311300 P005	62	112100P020	20	0,268		0,77		1	0,23	
SIH-IH-09	111200 P014	4	311300 J005	63	0,59		SSH-SH-09	311300 P005	63	112100P020	4	0,271		0,86		1	0,14	
SIH-IH-09	111200 P014	1	311300 J005	64	0,12		SSH-SH-09	311300 P005	64	112100P020	1	0,059		0,18		0,05	-0,13	
SIH-IH-09	111200 P014	36	311300 J005	65	0,15		SSH-SH-09	311300 P005	65	112100 P020	17	0,068		0,22		0,05	-0,17	
SIH-IH-09	111200 P013	36	311300 J005	66	0,12		SSH-SH-09	311300 P005	66	112100 P018	17	0,063		0,18		0,05	-0,13	
SIH-IH-09	111200 P013	3	311300 J005	67	0,12		SSH-SH-09	311300 P005	67	112100 P018	31	0,064		0,18		0,05	-0,13	
SIH-IH-09	111200 P013	41	311300 J005	68	2,78		SSH-SH-09	311300 P005	68	112100 P018	NC	0,000		2,78				
SIH-IH-09	111200 P014	27	311300 J005	69	15,27		SSH-SH-09	311300 P005	69	112100 P020	NC	0,000		15,27				
SIH-IH-09	111200 P014	27	311300 J005	70	15,22		SSH-SH-09	311300 P005	70	112100 P018	NC	0,000		15,22				
SIH-IH-09	111200 P014	41	311300 J005	73	4,02		SSH-SH-09	311300 P005	73	112100 P020	NC	0,000		4,02				
SIH-IH-09	111200 P013	41	311300 J005	74	4,10		SSH-SH-09	311300 P005	74	112100 P018	NC	0,000		4,10				
SIH-IH-09	111200 P014	34	311300 J005	75	0,12		SSH-SH-09	311300 P005	75	112100P020	16	0,059		0,18		0,05	-0,13	
SIH-IH-09	111200 P014	34	311300 J005	76	0,12		SSH-SH-09	311300 P005	76	112100 P020	16	0,068		0,19		0,05	-0,14	
SIH-IH-09	111200 P014	41	311300 J005	77	2,77		SSH-SH-09	311300 P005	77	112100 P020	NC	0,000		2,77				
SIH-IH-09	111200 P013	1	311300 J005	78	0,15		SSH-SH-09	311300 P005	78	112100P018	1	0,061		0,21		0,05	-0,16	
SIH-IH-09	111200 P013	35	311300 J005	79	0,12		SSH-SH-09	311300 P005	79	112100P018	16	0,060		0,18		0,05	-0,13	
SIH-IH-09	111200 P013	46	311300 J005	80	248,50		SSH-SH-09	311300 P005	80	112100P018	43	0,274		248,77		400	151,23	
SIH-IH-09	111200 P013	47	311300 J005	81	247,80		SSH-SH-09	311300 P005	81	112100P018	28	0,271		248,07		400	151,93	
SIH-IH-09	111200 P013	9	311300 J005	83	243,20		SSH-SH-09	311300 P005	83	112100P018	22	0,284		243,48		400	156,52	
SIH-IH-09	111200 P013	43	311300 J005	84	33,41		SSH-SH-09	311300 P005	84	112100 P018	NC	0,000		33,41				
SIH-IH-09	111200 P013	37	311300 J005	85	0,60		SSH-SH-09	311300 P005	85	112100P018	21	0,280		0,88		1		
SIH-IH-09	111200 P013	21	311300 J005	86	0,50		SSH-SH-09	311300 P005	86	112100P018	5	0,274		0,77		1	0,23	
SIH-IH-09	111200 P014	1	311300 J005	87	0,12		SSH-SH-09	311300 P005	87	112100 P020	1	0,068		0,19		0,05	-0,14	
SIH-IH-09	111200 P014	18	311300 J005	88	0,12		SSH-SH-09	311300 P005	88	112100 P020	1	0,070		0,19		0,05	-0,14	
SIH-IH-09	111200 P013	1	311300 J005	89	0,12		SSH-SH-09	311300 P005	89	112100 P018	1	0,061		0,18		0,05	-0,13	
SIH-IH-09	111200 P013	18	311300 J005	90	0,12		SSH-SH-09	311300 P005	90	112100 P018	1	0,065		0,18		0,05	-0,13	
SIH-IH-09	111200 P013	13	311300 J005	91	247,60		SSH-SH-09	311300 P005	91	112100P018	42	0,280		247,88		400	152,12	
SIH-IH-09	111200 P013	29	311300 J005	92	247,90		SSH-SH-09	311300 P005	92	112100P018	29	0,273		248,17		400	151,83	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-09	111200 P013	30	311300 J005	93	246,70		SSH-SH-09	311300 P005	93	112100P018	12	0,283		246,98		400	153,02	
SIH-IH-09	111200 P013	8	311300 J005	94	242,30		SSH-SH-09	311300 P005	94	112100P018	36	0,284		242,58		400	157,42	
SIH-IH-09	111200 P013	24	311300 J005	95	242,10		SSH-SH-09	311300 P005	95	112100P018	6	0,281		242,38		400	157,62	
SIH-IH-09	111200 P013	50	311300 J005	96	17,78		SSH-SH-09	311300 P005	96	112100P018	27	0,280		18,06		50	31,94	
SIH-IH-09	111200 P013	4	311300 J005	97	0,63		SSH-SH-09	311300 P005	97	112100P018	4	0,276		0,91		1	0,09	
SIH-IH-09	111200 P013	20	311300 J005	98	0,50		SSH-SH-09	311300 P005	98	112100P018	20	0,280		0,78		1	0,22	
SIH-IH-09	111200 P014	35	311300 J005	99	0,32		SSH-SH-09	311300 P005	99	112100 P020	16	0,070		0,39		0,05	-0,34	
SIH-IH-09	111200 P013	34	311300 J005	100	0,12		SSH-SH-09	311300 P005	100	112100 P018	16	0,065		0,18		0,05	-0,13	
SIH-IH-09	111200 P013	34	311300 J005	101	0,12		SSH-SH-09	311300 P005	101	112100 P018	16	0,064		0,18		0,05	-0,13	
SIH-IH-09	111200 P013	45	311300 J005	103	247,70		SSH-SH-09	311300 P005	103	112100P018	30	0,276		247,98		400	152,02	
SIH-IH-09	111200 P013	12	311300 J005	104	247,10		SSH-SH-09	311300 P005	104	112100P018	13	0,276		247,38		400	152,62	
SIH-IH-09	111200 P013	25	311300 J005	105	242,40		SSH-SH-09	311300 P005	105	112100P018	7	0,280		242,68		400	157,32	
SIH-IH-09	111200 P013	17	311300 J005	106	18,09		SSH-SH-09	311300 P005	106	112100P018	11	0,280		18,37				
SIH-IH-09	111200 P013	16	311300 J005	107	17,90		SSH-SH-09	311300 P005	107	112100P018	10	0,275		18,17		50	31,83	
SIH-IH-09	111200 P013	32	311300 J005	108	17,84		SSH-SH-09	311300 P005	108	112100P018	26	0,283		18,12		50	31,88	
SIH-IH-09	111200 P013	42	311300 J005	109	26,20		SSH-SH-09	311300 P005	109	112100 P018	NC	0,000		26,20				
SIH-IH-09	111200 P013	40	311300 J005	110	246,90		SSH-SH-09	311300 P005	110	112100P018	19	0,275		247,17		400	152,83	
SIH-IH-09	111200 P013	6	311300 J005	111	248,70		SSH-SH-09	311300 P005	111	112100P018	33	0,274		248,97		400	151,03	
SIH-IH-09	111200 P013	11	311300 J005	113	248,70		SSH-SH-09	311300 P005	113	112100P018	14	0,276		248,98		400	151,02	
SIH-IH-09	111200 P013	28	311300 J005	114	247,70		SSH-SH-09	311300 P005	114	112100P018	44	0,274		247,97		400	152,03	
SIH-IH-09	111200 P013	33	311300 J005	115	17,75		SSH-SH-09	311300 P005	115	112100P018	41	0,282		18,03		50	31,97	
SIH-IH-09	111200 P013	48	311300 J005	116	18,17		SSH-SH-09	311300 P005	116	112100P018	25	0,274		18,44		50	31,56	
SIH-IH-09	111200 P013	14	311300 J005	117	17,64		SSH-SH-09	311300 P005	117	112100P018	38	0,272		17,91		50	32,09	
SIH-IH-09	111200 P013	23	311300 J005	118	248,40		SSH-SH-09	311300 P005	118	112100P018	2	0,283		248,68		400	151,32	
SIH-IH-09	111200 P013	7	311300 J005	119	246,80		SSH-SH-09	311300 P005	119	112100P018	3	0,276		247,08		400	152,92	
SIH-IH-09	111200 P013	22	311300 J005	120	247,80		SSH-SH-09	311300 P005	120	112100 P018	19	0,279		248,08		400	151,92	
SIH-IH-09	111200 P013	44	311300 J005	121	248,20		SSH-SH-09	311300 P005	121	112100P018	15	0,272		248,47		400	151,53	
SIH-IH-09	111200 P013	49	311300 J005	122	17,58		SSH-SH-09	311300 P005	122	112100P018	40	0,277		17,86		50	32,14	
SIH-IH-09	111200 P013	15	311300 J005	123	17,71		SSH-SH-09	311300 P005	123	112100P018	9	0,277		17,99		50	32,01	
SIH-IH-09	111200 P013	31	311300 J005	124	17,97		SSH-SH-09	311300 P005	124	112100P018	39	0,276		18,25		50	31,75	
SIH-IH-09	111200 P013	27	311300 J005	125	7,00		SSH-SH-09	311300 P005	125	112100 P018	NC	0,000		7,00				
SIH-IH-09	111200 P013	39	311300 J005	126	247,60		SSH-SH-09	311300 P005	126	112100P018	18	0,272		247,87		400	152,13	
SIH-IH-09	111200 P013	5	311300 J005	127	247,00		SSH-SH-09	311300 P005	127	112100P018	32	0,283		247,28		400	152,72	
SIH-IH-09	111200 P013	38	311300 J005	128	247,80		SSH-SH-09	311300 P005	128	112100 P018	18	0,278		248,08		400	151,92	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-10	111200 P004	24	311200 J006	1	225,9000		SSH-SH-10	311200 P006	1	112100P015	6	0,405		226,31		400	173,69	
SIH-IH-10	111200 P004	25	311200 J006	2	225,1000		SSH-SH-10	311200 P006	2	112100P015	7	0,406		225,51		400	174,49	
SIH-IH-10	111200 P004	27	311200 J006	3	31,5800		SSH-SH-10	311200 P006	3	112100 P015	NC	0,000		31,58				
SIH-IH-10	111200 P004	31	311200 J006	6	11,1200		SSH-SH-10	311200 P006	6	112100 P015	NC	0,000		11,12				
SIH-IH-10	111200 P004	50	311200 J006	7	16,2100		SSH-SH-10	311200 P006	7	112100P015	26	0,396		16,61		50	33,39	
SIH-IH-10	111200 P004	22	311200 J006	8	227,3000		SSH-SH-10	311200 P006	8	112100P015	19	0,395		227,70		400	172,30	
SIH-IH-10	111200 P004	8	311200 J006	9	225,6000		SSH-SH-10	311200 P006	9	112100P015	36	0,407		226,01		400	173,99	
SIH-IH-10	111200 P002	6	311200 J006	11	225,9000		SSH-SH-10	311200 P006	11	112100P014	33	0,398		226,30		400	173,70	
SIH-IH-10	111200 P004	17	311200 J006	14	16,4700		SSH-SH-10	311200 P006	14	112100P015	10	0,394		16,86		50	33,14	
SIH-IH-10	111200 P004	6	311200 J006	15	227,6000		SSH-SH-10	311200 P006	15	112100P015	33	0,391		227,99		400	172,01	
SIH-IH-10	111200 P004	5	311200 J006	16	228,0000		SSH-SH-10	311200 P006	16	112100P015	32	0,395		228,40		400	171,60	
SIH-IH-10	111200 P004	9	311200 J006	17	226,4000		SSH-SH-10	311200 P006	17	112100P015	22	0,405		226,81		400	173,19	
SIH-IH-10	111200 P004	49	311200 J006	22	16,1500		SSH-SH-10	311200 P006	22	112100P015	25	0,390		16,54		50	33,46	
SIH-IH-10	111200 P004	16	311200 J006	23	16,4500		SSH-SH-10	311200 P006	23	112100P015	9	0,392		16,84		50	33,16	
SIH-IH-10	111200 P004	43	311200 J006	25	25,1200		SSH-SH-10	311200 P006	25	112100 P015	NC	0,000		25,12				
SIH-IH-10	111200 P004	40	311200 J006	26	226,9000		SSH-SH-10	311200 P006	26	112100 P015	19	0,396		227,30		400	172,70	
SIH-IH-10	111200 P004	38	311200 J006	27	226,5000		SSH-SH-10	311200 P006	27	112100P015	18	0,390		226,89		400	173,11	
SIH-IH-10	111200 P002	44	311200 J006	28	7,3000		SSH-SH-10	311200 P006	28	112100 P014	NC	0,000		7,30				
SIH-IH-10	111200 P004	10	311200 J006	29	0,4955		SSH-SH-10	311200 P006	29	112100P015	8	0,390		0,89		1	0,11	
SIH-IH-10	111200 P004	26	311200 J006	30	0,4619		SSH-SH-10	311200 P006	30	112100P015	24	0,389		0,85		1	0,15	
SIH-IH-10	111200 P004	2	311200 J006	31	0,1517		SSH-SH-10	311200 P006	31	112100P015	31	0,094		0,25		0,05	-0,20	
SIH-IH-10	111200 P004	15	311200 J006	32	16,1600		SSH-SH-10	311200 P006	32	112100P015	38	0,388		16,55		50	33,45	
SIH-IH-10	111200 P004	48	311200 J006	33	16,2700		SSH-SH-10	311200 P006	33	112100P015	39	0,392		16,66		50	33,34	
SIH-IH-10	111200 P004	12	311200 J006	34	224,4000		SSH-SH-10	311200 P006	34	112100P015	13	0,386		224,79		400	175,21	
SIH-IH-10	111200 P004	45	311200 J006	35	223,7000		SSH-SH-10	311200 P006	35	112100P015	29	0,386		224,09		400	175,91	
SIH-IH-10	111200 P004	23	311200 J006	37	228,1000		SSH-SH-10	311200 P006	37	112100P015	2	0,396		228,50		400	171,50	
SIH-IH-10	111200 P004	7	311200 J006	38	227,3000		SSH-SH-10	311200 P006	38	112100P015	3	0,393		227,69		400	172,31	
SIH-IH-10	111200 P002	10	311200 J006	39	0,4812		SSH-SH-10	311200 P006	39	112100P014	8	0,401		0,88		1	0,12	
SIH-IH-10	111200 P002	26	311200 J006	40	0,4664		SSH-SH-10	311200 P006	40	112100P014	24	0,397		0,86		1	0,14	
SIH-IH-10	111200 P004	44	311200 J006	41	7,2300		SSH-SH-10	311200 P006	41	112100 P015	NC	0,000		7,23		400	392,77	
SIH-IH-10	111200 P004	19	311200 J006	42	0,1598		SSH-SH-10	311200 P006	42	112100 P015	17	0,091		0,25		0,05	-0,20	
SIH-IH-10	111200 P004	19	311200 J006	43	0,1657		SSH-SH-10	311200 P006	43	112100 P015	17	0,105		0,27				
SIH-IH-10	111200 P002	19	311200 J006	44	0,1080		SSH-SH-10	311200 P006	44	112100 P014	17	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	19	311200 J006	45	0,1080		SSH-SH-10	311200 P006	45	112100 P014	17	0,096		0,20				
SIH-IH-10	111200 P004	13	311200 J006	46	228,5000		SSH-SH-10	311200 P006	46	112100P015	42	0,390		228,89		400	171,11	
SIH-IH-10	111200 P004	46	311200 J006	47	228,3000		SSH-SH-10	311200 P006	47	112100P015	43	0,385		228,69		400	171,31	
SIH-IH-10	111200 P004	39	311200 J006	49	227,8000		SSH-SH-10	311200 P006	49	112100 P015	18	0,392		228,19		400	171,81	
SIH-IH-10	111200 P004	21	311200 J006	51	0,4574		SSH-SH-10	311200 P006	51	112100P015	5	0,388		0,85		1	0,15	
SIH-IH-10	111200 P004	37	311200 J006	52	0,4567		SSH-SH-10	311200 P006	52	112100P015	21	0,392		0,85		1	0,15	
SIH-IH-10	111200 P004	2	311200 J006	53	0,1486		SSH-SH-10	311200 P006	53	112100 P015	31	0,088		0,24		0,05	-0,19	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-10	111200 P004	3	311200 J006	54	0,1439		SSH-SH-10	311200 P006	54	112100 P015	31	0,086		0,23		0,05	-0,18	
SIH-IH-10	111200 P002	2	311200 J006	55	0,1080		SSH-SH-10	311200 P006	55	112100 P014	31	0,111		0,22		0,05	-0,17	
SIH-IH-10	111200 P002	2	311200 J006	56	0,1081		SSH-SH-10	311200 P006	56	112100 P014	31	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	47	311200 J006	57	229,3000		SSH-SH-10	311200 P006	57	112100P015	28	0,386		229,69		400	170,31	
SIH-IH-10	111200 P004	14	311200 J006	58	228,9000		SSH-SH-10	311200 P006	58	112100P015	12	0,395		229,29		400	170,71	
SIH-IH-10	111200 P004	20	311200 J006	62	0,4636		SSH-SH-10	311200 P006	62	112100P015	20	0,388		0,85		1	0,15	
SIH-IH-10	111200 P004	4	311200 J006	63	0,5888		SSH-SH-10	311200 P006	63	112100P015	4	0,390		0,98		1	0,02	
SIH-IH-10	111200 P004	1	311200 J006	64	0,1090		SSH-SH-10	311200 P006	64	112100P015	1	0,089		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	36	311200 J006	65	0,1496		SSH-SH-10	311200 P006	65	112100 P015	17	0,098		0,25		0,05	-0,20	
SIH-IH-10	111200 P002	36	311200 J006	66	0,1061		SSH-SH-10	311200 P006	66	112100 P014	17	0,099		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	3	311200 J006	67	0,1058		SSH-SH-10	311200 P006	67	112100 P014	31	0,098		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	41	311200 J006	68	2,5000		SSH-SH-10	311200 P006	68	112100 P014	NC	0,000		2,50				
SIH-IH-10	111200 P004	28	311200 J006	69	15,3900		SSH-SH-10	311200 P006	69	112100 P015	NC	0,000		15,39				
SIH-IH-10	111200 P002	27	311200 J006	70	32,1500		SSH-SH-10	311200 P006	70	112100 P014	NC	0,000		32,15				
SIH-IH-10	111200 P004	42	311200 J006	73	3,7000		SSH-SH-10	311200 P006	73	112100 P015	NC	0,000		3,70				
SIH-IH-10	111200 P002	42	311200 J006	74	3,7000		SSH-SH-10	311200 P006	74	112100 P014	NC	0,000		3,70				
SIH-IH-10	111200 P004	34	311200 J006	75	0,1094		SSH-SH-10	311200 P006	75	112100 P015	16	0,094		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	34	311200 J006	76	0,1092		SSH-SH-10	311200 P006	76	112100 P015	16	0,087		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	41	311200 J006	77	2,5300		SSH-SH-10	311200 P006	77	112100 P015	NC	0,000		2,53				
SIH-IH-10	111200 P002	1	311200 J006	78	0,1082		SSH-SH-10	311200 P006	78	112100P014	1	0,100		0,21		0,05	-0,16	
SIH-IH-10	111200 P002	35	311200 J006	79	0,1058		SSH-SH-10	311200 P006	79	112100P014	16	0,098		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	25	311200 J006	81	226,5000		SSH-SH-10	311200 P006	81	112100P014	7	0,401		226,90		400	173,10	
SIH-IH-10	111200 P002	37	311200 J006	85	0,5301		SSH-SH-10	311200 P006	85	112100P014	21	0,405		0,93		1	0,07	
SIH-IH-10	111200 P002	21	311200 J006	86	0,4548		SSH-SH-10	311200 P006	86	112100P014	5	0,401		0,86		1	0,14	
SIH-IH-10	111200 P004	1	311200 J006	87	0,1091		SSH-SH-10	311200 P006	87	112100 P015	1	0,096		0,21		0,05	-0,16	
SIH-IH-10	111200 P004	18	311200 J006	88	0,1068		SSH-SH-10	311200 P006	88	112100 P015	1	0,090		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	1	311200 J006	89	0,1080		SSH-SH-10	311200 P006	89	112100 P014	1	0,104		0,21		0,05	-0,16	
SIH-IH-10	111200 P002	18	311200 J006	90	0,1059		SSH-SH-10	311200 P006	90	112100 P014	1	0,099		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	31	311200 J006	91	16,6900		SSH-SH-10	311200 P006	91	112100 P014	NC	0,000		16,69				
SIH-IH-10	111200 P002	8	311200 J006	92	226,9000		SSH-SH-10	311200 P006	92	112100P014	36	0,402		227,30		400	172,70	
SIH-IH-10	111200 P002	24	311200 J006	93	226,8000		SSH-SH-10	311200 P006	93	112100P014	6	0,405		227,20		400	172,80	
SIH-IH-10	111200 P002	4	311200 J006	97	0,5898		SSH-SH-10	311200 P006	97	112100P014	4	0,400		0,99		1	0,01	
SIH-IH-10	111200 P002	20	311200 J006	98	0,4646		SSH-SH-10	311200 P006	98	112100P014	20	0,403		0,87		1	0,13	
SIH-IH-10	111200 P004	35	311200 J006	99	0,1069		SSH-SH-10	311200 P006	99	112100 P015	16	0,095		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	34	311200 J006	100	0,1078		SSH-SH-10	311200 P006	100	112100 P014	16	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	34	311200 J006	101	0,1076		SSH-SH-10	311200 P006	101	112100 P014	16	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	50	311200 J006	102	16,2200		SSH-SH-10	311200 P006	102	112100P014	25	0,398		16,62		50	33,38	
SIH-IH-10	111200 P002	9	311200 J006	104	225,7000		SSH-SH-10	311200 P006	104	112100P014	22	0,405		226,10		400	173,90	
SIH-IH-10	111200 P002	43	311200 J006	109	25,0700		SSH-SH-10	311200 P006	109	112100 P014	NC	0,000		25,07				
SIH-IH-10	111200 P002	40	311200 J006	110	227,1000		SSH-SH-10	311200 P006	110	112100P014	19	0,400		227,50		400	172,50	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-10	111200 P002	16	311200 J006	112	16,4000		SSH-SH-10	311200 P006	112	112100P014	38	0,397		16,80		50	33,20	
SIH-IH-10	111200 P002	17	311200 J006	113	16,5500		SSH-SH-10	311200 P006	113	112100P014	9	0,400		16,95		50	33,05	
SIH-IH-10	111200 P002	46	311200 J006	116	225,5000		SSH-SH-10	311200 P006	116	112100P014	43	0,398		225,90		400	174,10	
SIH-IH-10	111200 P002	14	311200 J006	117	226,5000		SSH-SH-10	311200 P006	117	112100P014	12	0,407		226,91		400	173,09	
SIH-IH-10	111200 P002	23	311200 J006	118	226,3000		SSH-SH-10	311200 P006	118	112100P014	2	0,408		226,71		400	173,29	
SIH-IH-10	111200 P002	7	311200 J006	119	225,3000		SSH-SH-10	311200 P006	119	112100P014	3	0,401		225,70		400	174,30	
SIH-IH-10	111200 P002	22	311200 J006	120	225,7000		SSH-SH-10	311200 P006	120	112100 P014	19	0,403		226,10		400	173,90	
SIH-IH-10	111200 P002	49	311200 J006	121	16,11		SSH-SH-10	311200 P006	121	112100P014	39	0,397		16,51		50	33,49	
SIH-IH-10	111200 P002	13	311200 J006	123	226,9000		SSH-SH-10	311200 P006	123	112100P014	42	0,407		227,31		400	172,69	
SIH-IH-10	111200 P002	47	311200 J006	124	225,5000		SSH-SH-10	311200 P006	124	112100P014	28	0,402		225,90		400	174,10	
SIH-IH-10	111200 P002	28	311200 J006	125	27,1200		SSH-SH-10	311200 P006	125	112100 P014	NC	0,000		27,12				
SIH-IH-10	111200 P002	39	311200 J006	126	225,7000		SSH-SH-10	311200 P006	126	112100P014	18	0,399		226,10		400	173,90	
SIH-IH-10	111200 P002	5	311200 J006	127	225,2000		SSH-SH-10	311200 P006	127	112100P014	32	0,404		225,60		400	174,40	
SIH-IH-10	111200 P002	38	311200 J006	128	226,2000		SSH-SH-10	311200 P006	128	112100 P014	18	0,400		226,60		400	173,40	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-10	111200 P004	24	311200 J006	1	225,9000		SSH-SH-10	311200 P006	1	112100P015	6	0,405		226,31		400	173,69	
SIH-IH-10	111200 P004	25	311200 J006	2	225,1000		SSH-SH-10	311200 P006	2	112100P015	7	0,406		225,51		400	174,49	
SIH-IH-10	111200 P004	27	311200 J006	3	31,5800		SSH-SH-10	311200 P006	3	112100 P015	NC	0,000		31,58				
SIH-IH-10	111200 P004	31	311200 J006	6	11,1200		SSH-SH-10	311200 P006	6	112100 P015	NC	0,000		11,12				
SIH-IH-10	111200 P004	50	311200 J006	7	16,2100		SSH-SH-10	311200 P006	7	112100P015	26	0,396		16,61		50	33,39	
SIH-IH-10	111200 P004	22	311200 J006	8	227,3000		SSH-SH-10	311200 P006	8	112100P015	19	0,395		227,70		400	172,30	
SIH-IH-10	111200 P004	8	311200 J006	9	225,6000		SSH-SH-10	311200 P006	9	112100P015	36	0,407		226,01		400	173,99	
SIH-IH-10	111200 P002	6	311200 J006	11	225,9000		SSH-SH-10	311200 P006	11	112100P014	33	0,398		226,30		400	173,70	
SIH-IH-10	111200 P004	17	311200 J006	14	16,4700		SSH-SH-10	311200 P006	14	112100P015	10	0,394		16,86		50	33,14	
SIH-IH-10	111200 P004	6	311200 J006	15	227,6000		SSH-SH-10	311200 P006	15	112100P015	33	0,391		227,99		400	172,01	
SIH-IH-10	111200 P004	5	311200 J006	16	228,0000		SSH-SH-10	311200 P006	16	112100P015	32	0,395		228,40		400	171,60	
SIH-IH-10	111200 P004	9	311200 J006	17	226,4000		SSH-SH-10	311200 P006	17	112100P015	22	0,405		226,81		400	173,19	
SIH-IH-10	111200 P004	49	311200 J006	22	16,1500		SSH-SH-10	311200 P006	22	112100P015	25	0,390		16,54		50	33,46	
SIH-IH-10	111200 P004	16	311200 J006	23	16,4500		SSH-SH-10	311200 P006	23	112100P015	9	0,392		16,84		50	33,16	
SIH-IH-10	111200 P004	43	311200 J006	25	25,1200		SSH-SH-10	311200 P006	25	112100 P015	NC	0,000		25,12				
SIH-IH-10	111200 P004	40	311200 J006	26	226,9000		SSH-SH-10	311200 P006	26	112100 P015	19	0,396		227,30		400	172,70	
SIH-IH-10	111200 P004	38	311200 J006	27	226,5000		SSH-SH-10	311200 P006	27	112100P015	18	0,390		226,89		400	173,11	
SIH-IH-10	111200 P002	44	311200 J006	28	7,3000		SSH-SH-10	311200 P006	28	112100 P014	NC	0,000		7,30				
SIH-IH-10	111200 P004	10	311200 J006	29	0,4955		SSH-SH-10	311200 P006	29	112100P015	8	0,390		0,89		1	0,11	
SIH-IH-10	111200 P004	26	311200 J006	30	0,4619		SSH-SH-10	311200 P006	30	112100P015	24	0,389		0,85		1	0,15	
SIH-IH-10	111200 P004	2	311200 J006	31	0,1517		SSH-SH-10	311200 P006	31	112100P015	31	0,094		0,25		0,05	-0,20	
SIH-IH-10	111200 P004	15	311200 J006	32	16,1600		SSH-SH-10	311200 P006	32	112100P015	38	0,388		16,55		50	33,45	
SIH-IH-10	111200 P004	48	311200 J006	33	16,2700		SSH-SH-10	311200 P006	33	112100P015	39	0,392		16,66		50	33,34	
SIH-IH-10	111200 P004	12	311200 J006	34	224,4000		SSH-SH-10	311200 P006	34	112100P015	13	0,386		224,79		400	175,21	
SIH-IH-10	111200 P004	45	311200 J006	35	223,7000		SSH-SH-10	311200 P006	35	112100P015	29	0,386		224,09		400	175,91	
SIH-IH-10	111200 P004	23	311200 J006	37	228,1000		SSH-SH-10	311200 P006	37	112100P015	2	0,396		228,50		400	171,50	
SIH-IH-10	111200 P004	7	311200 J006	38	227,3000		SSH-SH-10	311200 P006	38	112100P015	3	0,393		227,69		400	172,31	
SIH-IH-10	111200 P002	10	311200 J006	39	0,4812		SSH-SH-10	311200 P006	39	112100P014	8	0,401		0,88		1	0,12	
SIH-IH-10	111200 P002	26	311200 J006	40	0,4664		SSH-SH-10	311200 P006	40	112100P014	24	0,397		0,86		1	0,14	
SIH-IH-10	111200 P004	44	311200 J006	41	7,2300		SSH-SH-10	311200 P006	41	112100 P015	NC	0,000		7,23		400	392,77	
SIH-IH-10	111200 P004	19	311200 J006	42	0,1598		SSH-SH-10	311200 P006	42	112100 P015	17	0,091		0,25		0,05	-0,20	
SIH-IH-10	111200 P004	19	311200 J006	43	0,1657		SSH-SH-10	311200 P006	43	112100 P015	17	0,105		0,27				
SIH-IH-10	111200 P002	19	311200 J006	44	0,1080		SSH-SH-10	311200 P006	44	112100 P014	17	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	19	311200 J006	45	0,1080		SSH-SH-10	311200 P006	45	112100 P014	17	0,096		0,20				
SIH-IH-10	111200 P004	13	311200 J006	46	228,5000		SSH-SH-10	311200 P006	46	112100P015	42	0,390		228,89		400	171,11	
SIH-IH-10	111200 P004	46	311200 J006	47	228,3000		SSH-SH-10	311200 P006	47	112100P015	43	0,385		228,69		400	171,31	
SIH-IH-10	111200 P004	39	311200 J006	49	227,8000		SSH-SH-10	311200 P006	49	112100 P015	18	0,392		228,19		400	171,81	
SIH-IH-10	111200 P004	21	311200 J006	51	0,4574		SSH-SH-10	311200 P006	51	112100P015	5	0,388		0,85		1	0,15	
SIH-IH-10	111200 P004	37	311200 J006	52	0,4567		SSH-SH-10	311200 P006	52	112100P015	21	0,392		0,85		1	0,15	
SIH-IH-10	111200 P004	2	311200 J006	53	0,1486		SSH-SH-10	311200 P006	53	112100 P015	31	0,088		0,24		0,05	-0,19	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-10	111200 P004	3	311200 J006	54	0,1439		SSH-SH-10	311200 P006	54	112100 P015	31	0,086		0,23		0,05	-0,18	
SIH-IH-10	111200 P002	2	311200 J006	55	0,1080		SSH-SH-10	311200 P006	55	112100 P014	31	0,111		0,22		0,05	-0,17	
SIH-IH-10	111200 P002	2	311200 J006	56	0,1081		SSH-SH-10	311200 P006	56	112100 P014	31	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	47	311200 J006	57	229,3000		SSH-SH-10	311200 P006	57	112100P015	28	0,386		229,69		400	170,31	
SIH-IH-10	111200 P004	14	311200 J006	58	228,9000		SSH-SH-10	311200 P006	58	112100P015	12	0,395		229,29		400	170,71	
SIH-IH-10	111200 P004	20	311200 J006	62	0,4636		SSH-SH-10	311200 P006	62	112100P015	20	0,388		0,85		1	0,15	
SIH-IH-10	111200 P004	4	311200 J006	63	0,5888		SSH-SH-10	311200 P006	63	112100P015	4	0,390		0,98		1	0,02	
SIH-IH-10	111200 P004	1	311200 J006	64	0,1090		SSH-SH-10	311200 P006	64	112100P015	1	0,089		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	36	311200 J006	65	0,1496		SSH-SH-10	311200 P006	65	112100 P015	17	0,098		0,25		0,05	-0,20	
SIH-IH-10	111200 P002	36	311200 J006	66	0,1061		SSH-SH-10	311200 P006	66	112100 P014	17	0,099		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	3	311200 J006	67	0,1058		SSH-SH-10	311200 P006	67	112100 P014	31	0,098		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	41	311200 J006	68	2,5000		SSH-SH-10	311200 P006	68	112100 P014	NC	0,000		2,50				
SIH-IH-10	111200 P004	28	311200 J006	69	15,3900		SSH-SH-10	311200 P006	69	112100 P015	NC	0,000		15,39				
SIH-IH-10	111200 P002	27	311200 J006	70	32,1500		SSH-SH-10	311200 P006	70	112100 P014	NC	0,000		32,15				
SIH-IH-10	111200 P004	42	311200 J006	73	3,7000		SSH-SH-10	311200 P006	73	112100 P015	NC	0,000		3,70				
SIH-IH-10	111200 P002	42	311200 J006	74	3,7000		SSH-SH-10	311200 P006	74	112100 P014	NC	0,000		3,70				
SIH-IH-10	111200 P004	34	311200 J006	75	0,1094		SSH-SH-10	311200 P006	75	112100 P015	16	0,094		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	34	311200 J006	76	0,1092		SSH-SH-10	311200 P006	76	112100 P015	16	0,087		0,20		0,05	-0,15	
SIH-IH-10	111200 P004	41	311200 J006	77	2,5300		SSH-SH-10	311200 P006	77	112100 P015	NC	0,000		2,53				
SIH-IH-10	111200 P002	1	311200 J006	78	0,1082		SSH-SH-10	311200 P006	78	112100P014	1	0,100		0,21		0,05	-0,16	
SIH-IH-10	111200 P002	35	311200 J006	79	0,1058		SSH-SH-10	311200 P006	79	112100P014	16	0,098		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	25	311200 J006	81	226,5000		SSH-SH-10	311200 P006	81	112100P014	7	0,401		226,90		400	173,10	
SIH-IH-10	111200 P002	37	311200 J006	85	0,5301		SSH-SH-10	311200 P006	85	112100P014	21	0,405		0,93		1	0,07	
SIH-IH-10	111200 P002	21	311200 J006	86	0,4548		SSH-SH-10	311200 P006	86	112100P014	5	0,401		0,86		1	0,14	
SIH-IH-10	111200 P004	1	311200 J006	87	0,1091		SSH-SH-10	311200 P006	87	112100 P015	1	0,096		0,21		0,05	-0,16	
SIH-IH-10	111200 P004	18	311200 J006	88	0,1068		SSH-SH-10	311200 P006	88	112100 P015	1	0,090		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	1	311200 J006	89	0,1080		SSH-SH-10	311200 P006	89	112100 P014	1	0,104		0,21		0,05	-0,16	
SIH-IH-10	111200 P002	18	311200 J006	90	0,1059		SSH-SH-10	311200 P006	90	112100 P014	1	0,099		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	31	311200 J006	91	16,6900		SSH-SH-10	311200 P006	91	112100 P014	NC	0,000		16,69				
SIH-IH-10	111200 P002	8	311200 J006	92	226,9000		SSH-SH-10	311200 P006	92	112100P014	36	0,402		227,30		400	172,70	
SIH-IH-10	111200 P002	24	311200 J006	93	226,8000		SSH-SH-10	311200 P006	93	112100P014	6	0,405		227,20		400	172,80	
SIH-IH-10	111200 P002	4	311200 J006	97	0,5898		SSH-SH-10	311200 P006	97	112100P014	4	0,400		0,99		1	0,01	
SIH-IH-10	111200 P002	20	311200 J006	98	0,4646		SSH-SH-10	311200 P006	98	112100P014	20	0,403		0,87		1	0,13	
SIH-IH-10	111200 P004	35	311200 J006	99	0,1069		SSH-SH-10	311200 P006	99	112100 P015	16	0,095		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	34	311200 J006	100	0,1078		SSH-SH-10	311200 P006	100	112100 P014	16	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	34	311200 J006	101	0,1076		SSH-SH-10	311200 P006	101	112100 P014	16	0,091		0,20		0,05	-0,15	
SIH-IH-10	111200 P002	50	311200 J006	102	16,2200		SSH-SH-10	311200 P006	102	112100P014	25	0,398		16,62		50	33,38	
SIH-IH-10	111200 P002	9	311200 J006	104	225,7000		SSH-SH-10	311200 P006	104	112100P014	22	0,405		226,10		400	173,90	
SIH-IH-10	111200 P002	43	311200 J006	109	25,0700		SSH-SH-10	311200 P006	109	112100 P014	NC	0,000		25,07				
SIH-IH-10	111200 P002	40	311200 J006	110	227,1000		SSH-SH-10	311200 P006	110	112100P014	19	0,400		227,50		400	172,50	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-10	111200 P002	16	311200 J006	112	16,4000		SSH-SH-10	311200 P006	112	112100P014	38	0,397		16,80		50	33,20	
SIH-IH-10	111200 P002	17	311200 J006	113	16,5500		SSH-SH-10	311200 P006	113	112100P014	9	0,400		16,95		50	33,05	
SIH-IH-10	111200 P002	46	311200 J006	116	225,5000		SSH-SH-10	311200 P006	116	112100P014	43	0,398		225,90		400	174,10	
SIH-IH-10	111200 P002	14	311200 J006	117	226,5000		SSH-SH-10	311200 P006	117	112100P014	12	0,407		226,91		400	173,09	
SIH-IH-10	111200 P002	23	311200 J006	118	226,3000		SSH-SH-10	311200 P006	118	112100P014	2	0,408		226,71		400	173,29	
SIH-IH-10	111200 P002	7	311200 J006	119	225,3000		SSH-SH-10	311200 P006	119	112100P014	3	0,401		225,70		400	174,30	
SIH-IH-10	111200 P002	22	311200 J006	120	225,7000		SSH-SH-10	311200 P006	120	112100 P014	19	0,403		226,10		400	173,90	
SIH-IH-10	111200 P002	49	311200 J006	121	16,11		SSH-SH-10	311200 P006	121	112100P014	39	0,397		16,51		50	33,49	
SIH-IH-10	111200 P002	13	311200 J006	123	226,9000		SSH-SH-10	311200 P006	123	112100P014	42	0,407		227,31		400	172,69	
SIH-IH-10	111200 P002	47	311200 J006	124	225,5000		SSH-SH-10	311200 P006	124	112100P014	28	0,402		225,90		400	174,10	
SIH-IH-10	111200 P002	28	311200 J006	125	27,1200		SSH-SH-10	311200 P006	125	112100 P014	NC	0,000		27,12				
SIH-IH-10	111200 P002	39	311200 J006	126	225,7000		SSH-SH-10	311200 P006	126	112100P014	18	0,399		226,10		400	173,90	
SIH-IH-10	111200 P002	5	311200 J006	127	225,2000		SSH-SH-10	311200 P006	127	112100P014	32	0,404		225,60		400	174,40	
SIH-IH-10	111200 P002	38	311200 J006	128	226,2000		SSH-SH-10	311200 P006	128	112100 P014	18	0,400		226,60		400	173,40	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-11	111200 P008	24	311200 J008	1	237,0000		SSH-SH-11	311200 P008	1	112100P017	6	0,409		237,409		400	162,591	
SIH-IH-11	111200 P008	25	311200 J008	2	237,9000		SSH-SH-11	311200 P008	2	112100P017	7	0,409		238,309		400	161,691	
SIH-IH-11	111200 P008	27	311200 J008	3	32,9500		SSH-SH-11	311200 P008	3	112100 P017	NC	0,000		32,950				
SIH-IH-11	111200 P008	31	311200 J008	6	11,4500		SSH-SH-11	311200 P008	6	112100 P017	NC	0,000		11,450				
SIH-IH-11	111200 P008	50	311200 J008	7	17,1300		SSH-SH-11	311200 P008	7	112100P017	26	0,401		17,531		50	32,469	
SIH-IH-11	111200 P008	22	311200 J008	8	238,4000		SSH-SH-11	311200 P008	8	112100P017	19	0,398		238,798		400	161,202	
SIH-IH-11	111200 P008	8	311200 J008	9	237,5000		SSH-SH-11	311200 P008	9	112100P017	36	0,411		237,911		400	162,089	
SIH-IH-11	111200 P008	17	311200 J008	14	17,4100		SSH-SH-11	311200 P008	14	112100P017	10	0,400		17,810		50	32,190	
SIH-IH-11	111200 P008	6	311200 J008	15	238,6000		SSH-SH-11	311200 P008	15	112100P017	33	0,394		238,994		400	161,006	
SIH-IH-11	111200 P008	5	311200 J008	16	238,3000		SSH-SH-11	311200 P008	16	112100P017	32	0,399		238,699		400	161,301	
SIH-IH-11	111200 P008	9	311200 J008	17	238,7000		SSH-SH-11	311200 P008	17	112100P017	22	0,407		239,107		400	160,893	
SIH-IH-11	111200 P008	49	311200 J008	22	16,9400		SSH-SH-11	311200 P008	22	112100P017	25	0,396		17,336		50	32,664	
SIH-IH-11	111200 P008	16	311200 J008	23	17,2000		SSH-SH-11	311200 P008	23	112100P017	9	0,398		17,598		50	32,402	
SIH-IH-11	111200 P008	43	311200 J008	25	25,7700		SSH-SH-11	311200 P008	25	112100 P017	NC	0,000		25,770				
SIH-IH-11	111200 P008	40	311200 J008	26	238,8000		SSH-SH-11	311200 P008	26	112100 P017	19	0,399		239,199		400	160,801	
SIH-IH-11	111200 P008	38	311200 J008	27	238,3000		SSH-SH-11	311200 P008	27	112100P017	18	0,394		238,694		400	161,306	
SIH-IH-11	111200 P006	44	311200 J008	28	7,4400		SSH-SH-11	311200 P008	28	112100 P016	NC	0,000		7,440				
SIH-IH-11	111200 P008	10	311200 J008	29	0,5062		SSH-SH-11	311200 P008	29	112100P017	8	0,397		0,903		1	0,097	
SIH-IH-11	111200 P008	26	311200 J008	30	0,4865		SSH-SH-11	311200 P008	30	112100P017	24	0,395		0,882		1	0,118	
SIH-IH-11	111200 P008	2	311200 J008	31	0,1558		SSH-SH-11	311200 P008	31	112100P017	31	0,098		0,254		0,05	-0,204	
SIH-IH-11	111200 P008	15	311200 J008	32	17,07		SSH-SH-11	311200 P008	32	112100P017	38	0,396		17,466		50	32,534	
SIH-IH-11	111200 P008	48	311200 J008	33	17,3300		SSH-SH-11	311200 P008	33	112100P017	39	0,399		17,729		50	32,271	
SIH-IH-11	111200 P008	12	311200 J008	34	239,1000		SSH-SH-11	311200 P008	34	112100P017	13	0,398		239,498		400	160,502	
SIH-IH-11	111200 P008	45	311200 J008	35	239,6000		SSH-SH-11	311200 P008	35	112100P017	29	0,397		239,997		400	160,003	
SIH-IH-11	111200 P008	23	311200 J008	37	238,5000		SSH-SH-11	311200 P008	37	112100P017	2	0,401		238,901		400	161,099	
SIH-IH-11	111200 P008	7	311200 J008	38	237,4000		SSH-SH-11	311200 P008	38	112100P017	3	0,396		237,796		400	162,204	
SIH-IH-11	111200 P006	10	311200 J008	39	0,4960		SSH-SH-11	311200 P008	39	112100P016	8	0,386		0,882		1	0,118	
SIH-IH-11	111200 P006	26	311200 J008	40	0,4792		SSH-SH-11	311200 P008	40	112100P016	24	0,382		0,862		1	0,138	
SIH-IH-11	111200 P008	44	311200 J008	41	7,6300		SSH-SH-11	311200 P008	41	112100 P017	NC	0,000		7,630				
SIH-IH-11	111200 P008	19	311200 J008	42	0,1655		SSH-SH-11	311200 P008	42	112100 P017	17	0,099		0,265		0,05	-0,215	
SIH-IH-11	111200 P008	19	311200 J008	43	0,1686		SSH-SH-11	311200 P008	43	112100 P017	17	0,098		0,266				
SIH-IH-11	111200 P006	19	311200 J008	44	0,1124		SSH-SH-11	311200 P008	44	112100 P016	17	0,096		0,208		0,05	-0,158	
SIH-IH-11	111200 P006	19	311200 J008	45	0,1123		SSH-SH-11	311200 P008	45	112100 P016	17	0,096		0,208				
SIH-IH-11	111200 P008	13	311200 J008	46	236,5000		SSH-SH-11	311200 P008	46	112100P017	42	0,398		236,898		400	163,102	
SIH-IH-11	111200 P008	46	311200 J008	47	236,8000		SSH-SH-11	311200 P008	47	112100P017	43	0,394		237,194		400	162,806	
SIH-IH-11	111200 P008	39	311200 J008	49	237,4000		SSH-SH-11	311200 P008	49	112100 P017	18	0,398		237,798		400	162,202	
SIH-IH-11	111200 P008	21	311200 J008	51	0,4810		SSH-SH-11	311200 P008	51	112100P017	5	0,393		0,874		1	0,126	
SIH-IH-11	111200 P008	37	311200 J008	52	0,4807		SSH-SH-11	311200 P008	52	112100P017	21	0,398		0,879		1	0,121	
SIH-IH-11	111200 P008	2	311200 J008	53	0,1494		SSH-SH-11	311200 P008	53	112100 P017	31	0,098		0,247		0,05	-0,197	
SIH-IH-11	111200 P008	3	311200 J008	54	0,1490		SSH-SH-11	311200 P008	54	112100 P017	31	0,099		0,248		0,05	-0,198	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-11	111200 P006	2	311200 J008	55	0,1125		SSH-SH-11	311200 P008	55	112100 P016	31	0,097		0,210		0,05	-0,160	
SIH-IH-11	111200 P006	2	311200 J008	56	0,1123		SSH-SH-11	311200 P008	56	112100 P016	31	0,097		0,209		0,05	-0,159	
SIH-IH-11	111200 P008	47	311200 J008	57	236,2000		SSH-SH-11	311200 P008	57	112100P017	28	0,396		236,596		400	163,404	
SIH-IH-11	111200 P008	14	311200 J008	58	237,6000		SSH-SH-11	311200 P008	58	112100P017	12	0,401		238,001		400	161,999	
SIH-IH-11	111200 P008	20	311200 J008	62	0,4845		SSH-SH-11	311200 P008	62	112100P017	20	0,394		0,878		1	0,122	
SIH-IH-11	111200 P008	4	311200 J008	63	0,5503		SSH-SH-11	311200 P008	63	112100P017	4	0,395		0,945		1	0,055	
SIH-IH-11	111200 P008	1	311200 J008	64	0,1140		SSH-SH-11	311200 P008	64	112100P017	1	0,135		0,249		0,05	-0,199	
SIH-IH-11	111200 P008	36	311200 J008	65	0,1507		SSH-SH-11	311200 P008	65	112100 P017	17	0,098		0,249		0,05	-0,199	
SIH-IH-11	111200 P006	36	311200 J008	66	0,1095		SSH-SH-11	311200 P008	66	112100 P016	17	0,095		0,205		0,05	-0,155	
SIH-IH-11	111200 P006	3	311200 J008	67	0,1095		SSH-SH-11	311200 P008	67	112100 P016	31	0,098		0,208		0,05	-0,158	
SIH-IH-11	111200 P006	41	311200 J008	68	2,6000		SSH-SH-11	311200 P008	68	112100 P016	NC	0,000		2,600				
SIH-IH-11	111200 P008	28	311200 J008	69	15,8500		SSH-SH-11	311200 P008	69	112100 P017	NC	0,000		15,850				
SIH-IH-11	111200 P006	27	311200 J008	70	32,3700		SSH-SH-11	311200 P008	70	112100 P016	NC	0,000		32,370				
SIH-IH-11	111200 P008	42	311200 J008	73	3,9000		SSH-SH-11	311200 P008	73	112100 P017	NC	0,000		3,900				
SIH-IH-11	111200 P006	42	311200 J008	74	3,8000		SSH-SH-11	311200 P008	74	112100 P016	NC	0,000		3,800				
SIH-IH-11	111200 P008	34	311200 J008	75	0,1143		SSH-SH-11	311200 P008	75	112100 P017	16	0,099		0,213		0,05	-0,163	
SIH-IH-11	111200 P008	34	311200 J008	76	0,1141		SSH-SH-11	311200 P008	76	112100 P017	165	0,099		0,213		0,05	-0,163	
SIH-IH-11	111200 P008	41	311200 J008	77	2,6700		SSH-SH-11	311200 P008	77	112100 P017	NC	0,000		2,670				
SIH-IH-11	111200 P006	1	311200 J008	78	0,1120		SSH-SH-11	311200 P008	78	112100 P016	1	0,098		0,210		0,05	-0,160	
SIH-IH-11	111200 P006	35	311200 J008	79	0,1095		SSH-SH-11	311200 P008	79	112100 P016	16	0,096		0,205		0,05	-0,155	
SIH-IH-11	111200 P006	25	311200 J008	81	230,6000		SSH-SH-11	311200 P008	81	112100P016	7	0,398		230,998		400	169,002	
SIH-IH-11	111200 P006	37	311200 J008	85	0,5436		SSH-SH-11	311200 P008	85	112100P016	21	0,385		0,929		1	0,071	
SIH-IH-11	111200 P006	21	311200 J008	86	0,4738		SSH-SH-11	311200 P008	86	112100P016	5	0,382		0,856		1	0,144	
SIH-IH-11	111200 P008	1	311200 J008	87	0,1140		SSH-SH-11	311200 P008	87	112100 P017	1	0,099		0,213		0,05	-0,163	
SIH-IH-11	111200 P008	18	311200 J008	88	0,1116		SSH-SH-11	311200 P008	88	112100 P017	1	0,100		0,211		0,05	-0,161	
SIH-IH-11	111200 P006	1	311200 J008	89	0,1123		SSH-SH-11	311200 P008	89	112100 P016	1	0,097		0,209		0,05	-0,159	
SIH-IH-11	111200 P006	18	311200 J008	90	0,1097		SSH-SH-11	311200 P008	90	112100 P016	1	0,097		0,207		0,05	-0,157	
SIH-IH-11	111200 P006	31	311200 J008	91	11,2600		SSH-SH-11	311200 P008	91	112100 P016	NC	0,000		11,260				
SIH-IH-11	111200 P006	8	311200 J008	92	230,1000		SSH-SH-11	311200 P008	92	112100P016	36	0,402		230,502		400	169,498	
SIH-IH-11	111200 P006	24	311200 J008	93	231,2000		SSH-SH-11	311200 P008	93	112100P016	6	0,403		231,603		400	168,397	
SIH-IH-11	111200 P006	4	311200 J008	97	0,5074		SSH-SH-11	311200 P008	97	112100P016	4	0,381		0,888		1	0,112	
SIH-IH-11	111200 P006	20	311200 J008	98	0,4779		SSH-SH-11	311200 P008	98	112100P016	20	0,386		0,864		1	0,136	
SIH-IH-11	111200 P008	35	311200 J008	99	0,1119		SSH-SH-11	311200 P008	99	112100 P017	16	0,098		0,210		0,05	-0,160	
SIH-IH-11	111200 P006	34	311200 J008	100	0,1124		SSH-SH-11	311200 P008	100	112100 P016	16	0,096		0,209		0,05	-0,159	
SIH-IH-11	111200 P006	34	311200 J008	101	0,1123		SSH-SH-11	311200 P008	101	112100 P016	16	0,096		0,208		0,05	-0,158	
SIH-IH-11	111200 P006	49	311200 J008	102	16,9800		SSH-SH-11	311200 P008	102	112100P016	25	0,388		17,368		50	32,632	
SIH-IH-11	111200 P006	17	311200 J008	103	16,8300		SSH-SH-11	311200 P008	103	112100P016	10	0,389		17,219		50	32,781	
SIH-IH-11	111200 P006	9	311200 J008	104	231,8000		SSH-SH-11	311200 P008	104	112100P016	22	0,402		232,202		400	167,798	
SIH-IH-11	111200 P006	12	311200 J008	107	231,5000		SSH-SH-11	311200 P008	107	112100P016	13	0,381		231,881		400	168,119	
SIH-IH-11	111200 P006	43	311200 J008	109	25,5800		SSH-SH-11	311200 P008	109	112100 P016	NC	0,000		25,580				

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-11	111200 P006	40	311200 J008	110	232,9000		SSH-SH-11	311200 P008	110	112100P016	19	0,382		233,282		400	166,718	
SIH-IH-11	111200 P006	6	311200 J008	111	232,0000		SSH-SH-11	311200 P008	111	112100P016	33	0,382		232,382		400	167,618	
SIH-IH-11	111200 P006	15	311200 J008	112	16,6300		SSH-SH-11	311200 P008	112	112100P016	38	0,382		17,012		50	32,988	
SIH-IH-11	111200 P006	16	311200 J008	113	16,8900		SSH-SH-11	311200 P008	113	112100P016	9	0,388		17,278		50	32,722	
SIH-IH-11	111200 P006	50	311200 J008	114	16,6300		SSH-SH-11	311200 P008	114	112100P016	26	0,390		17,020		50	32,980	
SIH-IH-11	111200 P006	46	311200 J008	116	230,1000		SSH-SH-11	311200 P008	116	112100P016	43	0,380		230,480		400	169,520	
SIH-IH-11	111200 P006	14	311200 J008	117	231,4000		SSH-SH-11	311200 P008	117	112100P016	12	0,388		231,788		400	168,212	
SIH-IH-11	111200 P006	23	311200 J008	118	233,2000		SSH-SH-11	311200 P008	118	112100P016	2	0,388		233,588		400	166,412	
SIH-IH-11	111200 P006	7	311200 J008	119	233,5000		SSH-SH-11	311200 P008	119	112100P016	3	0,384		233,884		400	166,116	
SIH-IH-11	111200 P006	22	311200 J008	120	232,6000		SSH-SH-11	311200 P008	120	112100 P016	19	0,386		232,986		400	167,014	
SIH-IH-11	111200 P006	48	311200 J008	121	16,8300		SSH-SH-11	311200 P008	121	112100P016	39	0,382		17,212		50	32,788	
SIH-IH-11	111200 P006	45	311200 J008	122	231,7000		SSH-SH-11	311200 P008	122	112100P016	29	0,382		232,082		400	167,918	
SIH-IH-11	111200 P006	13	311200 J008	123	230,9000		SSH-SH-11	311200 P008	123	112100P016	42	0,388		231,288		400	168,712	
SIH-IH-11	111200 P006	47	311200 J008	124	233,1000		SSH-SH-11	311200 P008	124	112100P016	28	0,386		233,486		400	166,514	
SIH-IH-11	111200 P006	28	311200 J008	125	15,2900		SSH-SH-11	311200 P008	125	112100 P016	NC	0,000		15,290				
SIH-IH-11	111200 P006	39	311200 J008	126	232,1000		SSH-SH-11	311200 P008	126	112100P016	18	0,381		232,481		400	167,519	
SIH-IH-11	111200 P006	5	311200 J008	127	231,8000		SSH-SH-11	311200 P008	127	112100P016	32	0,387		232,187		400	167,813	
SIH-IH-11	111200 P006	38	311200 J008	128	232,5000		SSH-SH-11	311200 P008	128	112100 P016	18	0,384		232,884		400	167,116	

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-12	111200 P012	24	311300 J003	1	243,6000		SIH-SH-12	311300 P003	1	112100P013	6	0,210		243,810		400	156,190	
SIH-IH-12	111200 P012	25	311300 J003	2	244,9000		SIH-SH-12	311300 P003	2	112100P013	7	0,209		245,109		400	154,891	
SIH-IH-12	111200 P012	43	311300 J003	3	33,4600		SIH-SH-12	311300 P003	3	112100 P13	NC	0,000		33,460				
SIH-IH-12	111200 P012	27	311300 J003	4	6,9900		SIH-SH-12	311300 P003	4	112100 P13	NC	0,000		6,990				
SIH-IH-12	111200 P012	49	311300 J003	5	17,5400		SIH-SH-12	311300 P003	5	112100P013	40	0,239		17,779		50	32,221	
SIH-IH-12	111200 P012	16	311300 J003	6	17,8300		SIH-SH-12	311300 P003	6	112100P013	10	0,237		18,067		50	31,933	
SIH-IH-12	111200 P012	32	311300 J003	7	17,6200		SIH-SH-12	311300 P003	7	112100P013	26	0,243		17,863		50	32,137	
SIH-IH-12	111200 P012	22	311300 J003	8	242,2000		SIH-SH-12	311300 P003	8	112100P013	19	0,245		242,445		400	157,555	
SIH-IH-12	111200 P012	8	311300 J003	9	243,1000		SIH-SH-12	311300 P003	9	112100P013	36	0,210		243,310		400	156,691	
SIH-IH-12	111200 P016	CS	311300 J003	10	10,3000		SIH-SH-12	311300 P003	10	112100P023	CH	0,142		10,442				
SIH-IH-12	111200 P012	50	311300 J003	11	17,6200		SIH-SH-12	311300 P003	11	112100P013	27	0,244		17,864		50	32,136	
SIH-IH-12	111200 P012	33	311300 J003	12	17,4200		SIH-SH-12	311300 P003	12	112100P013	41	0,243		17,663		50	32,337	
SIH-IH-12	111200 P012	48	311300 J003	13	17,7500		SIH-SH-12	311300 P003	13	112100P013	25	0,240		17,990		50	32,010	
SIH-IH-12	111200 P012	44	311300 J003	14	245,1000		SIH-SH-12	311300 P003	14	112100P013	15	0,243		245,343		400	154,657	
SIH-IH-12	111200 P012	6	311300 J003	15	243,3000		SIH-SH-12	311300 P003	15	112100P013	33	0,242		243,542		400	156,458	
SIH-IH-12	111200 P012	5	311300 J003	16	243,2000		SIH-SH-12	311300 P003	16	112100P013	32	0,246		243,446		400	156,554	
SIH-IH-12	111200 P012	9	311300 J003	17	245,0000		SIH-SH-12	311300 P003	17	112100P013	22	0,208		245,208		400	154,792	
SIH-IH-12	111200 P016	9	311300 J003	18	0,5900		SIH-SH-12	311300 P003	18	112100P023	9	0,277		0,867		1	0,133	
SIH-IH-12	111200 P016	1	311300 J003	19	0,5800		SIH-SH-12	311300 P003	19	112100P023	1	0,280		0,860		1	0,140	
SIH-IH-12	111200 P012	17	311300 J003	20	17,8300		SIH-SH-12	311300 P003	20	112100P013	11	0,243		18,073		50	31,927	
SIH-IH-12	111200 P012	15	311300 J003	21	17,5800		SIH-SH-12	311300 P003	21	112100P013	9	0,235		17,815		50	32,185	
SIH-IH-12	111200 P012	14	311300 J003	22	17,6000		SIH-SH-12	311300 P003	22	112100P013	38	0,235		17,835		50	32,165	
SIH-IH-12	111200 P012	11	311300 J003	23	245,0000		SIH-SH-12	311300 P003	23	112100P013	14	0,242		245,242		400	154,758	
SIH-IH-12	111200 P012	45	311300 J003	24	244,5000		SIH-SH-12	311300 P003	24	112100P013	30	0,243		244,743		400	155,257	
SIH-IH-12	111200 P012	42	311300 J003	25	26,7100		SIH-SH-12	311300 P003	25	112100 P13	NC	0,000		26,710				
SIH-IH-12	111200 P012	40	311300 J003	26	241,8000		SIH-SH-12	311300 P003	26	112100 P13	19	0,247		242,047		400	157,953	
SIH-IH-12	111200 P012	38	311300 J003	27	243,0000		SIH-SH-12	311300 P003	27	112100P013	18	0,238		243,238		400	156,762	
SIH-IH-12	111200 P010	44	311300 J003	28	7,9200		SIH-SH-12	311300 P003	28	112100 P019	NC	0,000		7,920				
SIH-IH-12	111200 P012	10	311300 J003	29	0,5198		SIH-SH-12	311300 P003	29	112100P013	8	0,243		0,763		1	0,237	
SIH-IH-12	111200 P012	26	311300 J003	30	0,4989		SIH-SH-12	311300 P003	30	112100P013	24	0,241		0,740		1	0,260	
SIH-IH-12	111200 P012	2	311300 J003	31	0,1193		SIH-SH-12	311300 P003	31	112100P013	31	0,050		0,170		0,05	-0,120	
SIH-IH-12	111200 P012	31	311300 J003	32	17,7900		SIH-SH-12	311300 P003	32	112100P013	39	0,237		18,027		50	31,973	
SIH-IH-12	111200 P012	29	311300 J003	33	244,5000		SIH-SH-12	311300 P003	33	112100P013	29	0,243		244,743		400	155,257	
SIH-IH-12	111200 P012	12	311300 J003	34	245,5000		SIH-SH-12	311300 P003	34	112100P013	13	0,241		245,741		400	154,259	
SIH-IH-12	111200 P012	28	311300 J003	35	243,7000		SIH-SH-12	311300 P003	35	112100P013	44	0,240		243,940		400	156,060	
SIH-IH-12	111200 P012	23	311300 J003	37	242,5000		SIH-SH-12	311300 P003	37	112100P013	2	0,246		242,746		400	157,254	
SIH-IH-12	111200 P012	7	311300 J003	38	243,5000		SIH-SH-12	311300 P003	38	112100P013	3	0,241		243,741		400	156,259	
SIH-IH-12	111200 P010	10	311300 J003	39	0,5234		SIH-SH-12	311300 P003	39	112100P019	8	0,255		0,778		1	0,222	
SIH-IH-12	111200 P010	26	311300 J003	40	0,4957		SIH-SH-12	311300 P003	40	112100P019	24	0,253		0,749		1	0,251	
SIH-IH-12	111200 P012	43	311300 J003	41	8,0400		SIH-SH-12	311300 P003	41	112100 P13	NC	0,000		8,040				

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-12	111200 P012	19	311300 J003	42	0,1192		SIH-SH-12	311300 P003	42	112100 P13	17	0,049		0,169		0,05	-0,119	
SIH-IH-12	111200 P012	19	311300 J003	43	0,1191		SIH-SH-12	311300 P003	43	112100 P13	17	0,060		0,179				
SIH-IH-12	111200 P010	19	311300 J003	44	0,1203		SIH-SH-12	311300 P003	44	112100 P019	17	0,055		0,175		0,05	-0,125	
SIH-IH-12	111200 P010	19	311300 J003	45	0,1202		SIH-SH-12	311300 P003	45	112100 P019	17	0,063		0,184				
SIH-IH-12	111200 P012	13	311300 J003	46	243,8000		SIH-SH-12	311300 P003	46	112100P013	42	0,242		244,042		400	155,958	
SIH-IH-12	111200 P012	46	311300 J003	47	244,3000		SIH-SH-12	311300 P003	47	112100P013	43	0,236		244,536		400	155,464	
SIH-IH-12	111200 P012	39	311300 J003	49	243,3000		SIH-SH-12	311300 P003	49	112100 P13	18	0,243		243,543		400	156,457	
SIH-IH-12	111200 P012	21	311300 J003	51	0,4959		SIH-SH-12	311300 P003	51	112100P013	5	0,239		0,735		1	0,265	
SIH-IH-12	111200 P012	37	311300 J003	52	0,4930		SIH-SH-12	311300 P003	52	112100P013	21	0,243		0,736		1	0,264	
SIH-IH-12	111200 P012	2	311300 J003	53	0,1187		SIH-SH-12	311300 P003	53	112100 P13	31	0,058		0,176		0,05	-0,126	
SIH-IH-12	111200 P012	3	311300 J003	54	0,1159		SIH-SH-12	311300 P003	54	112100 P13	31	0,054		0,170		0,05	-0,120	
SIH-IH-12	111200 P010	2	311300 J003	55	0,1187		SIH-SH-12	311300 P003	55	112100 P019	31	0,056		0,174		0,05	-0,124	
SIH-IH-12	111200 P010	2	311300 J003	56	0,1185		SIH-SH-12	311300 P003	56	112100 P019	31	0,063		0,182		0,05	-0,132	
SIH-IH-12	111200 P012	47	311300 J003	57	244,5000		SIH-SH-12	311300 P003	57	112100P013	28	0,240		244,740		400	155,260	
SIH-IH-12	111200 P012	30	311300 J003	58	244,7000		SIH-SH-12	311300 P003	58	112100P013	12	0,211		244,911		400	155,089	
SIH-IH-12	111200 P012	35	311300 J003	59	0,1157		SIH-SH-12	311300 P003	59	112100P013	16	0,096		0,211		0,05	-0,161	
SIH-IH-12	111200 P012	20	311300 J003	62	0,4960		SIH-SH-12	311300 P003	62	112100P013	20	0,241		0,737		1	0,263	
SIH-IH-12	111200 P012	4	311300 J003	63	0,6454		SIH-SH-12	311300 P003	63	112100P013	4	0,243		0,888		1	0,112	
SIH-IH-12	111200 P012	1	311300 J003	64	0,1185		SIH-SH-12	311300 P003	64	112100P013	1	0,059		0,178		0,05	-0,128	
SIH-IH-12	111200 P012	36	311300 J003	65	0,1158		SIH-SH-12	311300 P003	65	112100 P13	17	0,058		0,174		0,05	-0,124	
SIH-IH-12	111200 P010	36	311300 J003	66	0,1162		SIH-SH-12	311300 P003	66	112100 P019	17	0,060		0,177		0,05	-0,127	
SIH-IH-12	111200 P010	3	311300 J003	67	0,1161		SIH-SH-12	311300 P003	67	112100 P019	31	0,057		0,173		0,05	-0,123	
SIH-IH-12	111200 P010	41	311300 J003	68	2,8100		SIH-SH-12	311300 P003	68	112100 P019	NC	0,000		2,810				
SIH-IH-12	111200 P012	27	311300 J003	69	15,1100		SIH-SH-12	311300 P003	69	112100 P13	NC	0,000		15,110				
SIH-IH-12	111200 P010	27	311300 J003	70	33,9300		SIH-SH-12	311300 P003	70	112100 P019	NC	0,000		33,930				
SIH-IH-12	111200 P012	41	311300 J003	73	3,9600		SIH-SH-12	311300 P003	73	112100 P13	NC	0,000		3,960				
SIH-IH-12	111200 P010	42	311300 J003	74	4,0900		SIH-SH-12	311300 P003	74	112100 P019	NC	0,000		4,090				
SIH-IH-12	111200 P012	34	311300 J003	75	0,1182		SIH-SH-12	311300 P003	75	112100 P13	16	0,056		0,175		0,05	-0,125	
SIH-IH-12	111200 P012	34	311300 J003	76	0,1181		SIH-SH-12	311300 P003	76	112100 P13	16	0,056		0,174		0,05	-0,124	
SIH-IH-12	111200 P012	41	311300 J003	77	2,7900		SIH-SH-12	311300 P003	77	112100 P13	NC	0,000		2,790				
SIH-IH-12	111200 P010	1	311300 J003	78	0,1185		SIH-SH-12	311300 P003	78	112100P019	1	0,061		0,180		0,05	-0,130	
SIH-IH-12	111200 P010	35	311300 J003	79	0,1162		SIH-SH-12	311300 P003	79	112100P019	16	0,057		0,173		0,05	-0,123	
SIH-IH-12	111200 P010	25	311300 J003	81	246,4000		SIH-SH-12	311300 P003	81	112100P019	7	0,230		246,630		400	153,370	
SIH-IH-12	111200 P010	37	311300 J003	85	0,6535		SIH-SH-12	311300 P003	85	112100P019	21	0,262		0,915		1	0,085	
SIH-IH-12	111200 P010	21	311300 J003	86	0,4975		SIH-SH-12	311300 P003	86	112100P019	5	0,254		0,752		1	0,248	
SIH-IH-12	111200 P012	1	311300 J003	87	0,1185		SIH-SH-12	311300 P003	87	112100 P13	1	0,055		0,173		0,05	-0,123	
SIH-IH-12	111200 P012	18	311300 J003	88	0,1156		SIH-SH-12	311300 P003	88	112100 P13	1	0,053		0,169		0,05	-0,119	
SIH-IH-12	111200 P010	1	311300 J003	89	0,1185		SIH-SH-12	311300 P003	89	112100 P019	1	0,059		0,177		0,05	-0,127	
SIH-IH-12	111200 P010	18	311300 J003	90	0,1164		SIH-SH-12	311300 P003	90	112100 P019	1	0,059		0,175		0,05	-0,125	
SIH-IH-12	111200 P010	31	311300 J003	91	11,5400		SIH-SH-12	311300 P003	91	112100 P019	NC	0,000		11,540				

CVV external							SVM							total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	Harness Bundle	To Connector	Pin	To Connector	Pin	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IH-12	111200 P010	8	311300 J003	92	244,6000		SIH-SH-12	311300 P003	92	112100P019	36	0,228		244,828		400	155,172	
SIH-IH-12	111200 P010	24	311300 J003	93	248,1000		SIH-SH-12	311300 P003	93	112100P019	6	0,230		248,330		400	151,670	
SIH-IH-12	111200 P010	4	311300 J003	97	0,6253		SIH-SH-12	311300 P003	97	112100P019	4	0,256		0,881		1	0,119	
SIH-IH-12	111200 P010	20	311300 J003	98	0,5003		SIH-SH-12	311300 P003	98	112100P019	20	0,260		0,760		1	0,240	
SIH-IH-12	111200 P010	34	311300 J003	100	0,1186		SIH-SH-12	311300 P003	100	112100 P019	16	0,057		0,176		0,05	-0,126	
SIH-IH-12	111200 P010	34	311300 J003	101	0,1187		SIH-SH-12	311300 P003	101	112100 P019	16	0,060		0,178		0,05	-0,128	
SIH-IH-12	111200 P010	49	311300 J003	102	17,4400		SIH-SH-12	311300 P003	102	112100P019	25	0,253		17,693		50	32,307	
SIH-IH-12	111200 P010	17	311300 J003	103	17,5200		SIH-SH-12	311300 P003	103	112100P019	10	0,257		17,777		50	32,223	
SIH-IH-12	111200 P010	9	311300 J003	104	245,5000		SIH-SH-12	311300 P003	104	112100P019	22	0,231		245,731		400	154,269	
SIH-IH-12	111200 P010	12	311300 J003	107	244,7000		SIH-SH-12	311300 P003	107	112100P019	13	0,254		244,954		400	155,046	
SIH-IH-12	111200 P010	43	311300 J003	109	26,3600		SIH-SH-12	311300 P003	109	112100 P019	NC	0,000		26,360				
SIH-IH-12	111200 P010	40	311300 J003	110	246,5000		SIH-SH-12	311300 P003	110	112100P019	19	0,259		246,759		400	153,241	
SIH-IH-12	111200 P010	6	311300 J003	111	247,0000		SIH-SH-12	311300 P003	111	112100P019	33	0,223		247,223		400	152,777	
SIH-IH-12	111200 P010	15	311300 J003	112	17,2700		SIH-SH-12	311300 P003	112	112100P019	38	0,253		17,523		50	32,477	
SIH-IH-12	111200 P010	16	311300 J003	113	17,4800		SIH-SH-12	311300 P003	113	112100P019	9	0,256		17,736		50	32,264	
SIH-IH-12	111200 P010	50	311300 J003	114	17,4700		SIH-SH-12	311300 P003	114	112100P019	26	0,262		17,732		50	32,268	
SIH-IH-12	111200 P010	46	311300 J003	116	246,5000		SIH-SH-12	311300 P003	116	112100P019	43	0,255		246,755		400	153,245	
SIH-IH-12	111200 P010	14	311300 J003	117	246,3000		SIH-SH-12	311300 P003	117	112100P019	12	0,262		246,562		400	153,438	
SIH-IH-12	111200 P010	23	311300 J003	118	246,5000		SIH-SH-12	311300 P003	118	112100P019	2	0,229		246,729		400	153,271	
SIH-IH-12	111200 P010	7	311300 J003	119	246,2000		SIH-SH-12	311300 P003	119	112100P019	3	0,260		246,460		400	153,540	
SIH-IH-12	111200 P010	22	311300 J003	120	246,9000		SIH-SH-12	311300 P003	120	112100 P019	19	0,257		247,157		400	152,843	
SIH-IH-12	111200 P010	48	311300 J003	121	17,6800		SIH-SH-12	311300 P003	121	112100P019	39	0,253		17,933		50	32,067	
SIH-IH-12	111200 P010	45	311300 J003	122	245,3000		SIH-SH-12	311300 P003	122	112100P019	29	0,256		245,556		400	154,444	
SIH-IH-12	111200 P010	13	311300 J003	123	243,6000		SIH-SH-12	311300 P003	123	112100P019	42	0,228		243,828		400	156,172	
SIH-IH-12	111200 P010	47	311300 J003	124	244,2000		SIH-SH-12	311300 P003	124	112100P019	28	0,257		244,457		400	155,543	
SIH-IH-12	111200 P010	28	311300 J003	125	15,6800		SIH-SH-12	311300 P003	125	112100 P019	NC	0,000		15,680				
SIH-IH-12	111200 P010	39	311300 J003	126	247,1000		SIH-SH-12	311300 P003	126	112100P019	18	0,256		247,356		400	152,644	
SIH-IH-12	111200 P010	5	311300 J003	127	246,9000		SIH-SH-12	311300 P003	127	112100P019	32	0,262		247,162		400	152,838	
SIH-IH-12	111200 P010	38	311300 J003	128	246,6000		SIH-SH-12	311300 P003	128	112100 P019	18	0,258		246,858		400	153,142	

5 ANNEX 2: PACS INSTRUMENT HARNESS SIH

2- 1 PACS Harness internal CVV

2 - 2 PACS Harness external CVV

2 - 3 PACS Harness in total (internal, external, SVM)

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Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-01	3131100P013	025	211121J009	009							36,79	36,99
SIH-CP-01	3131100P013	012	211121J009	017	SST	55	2513	138,22	2440	134,2	133,13	133,23
SIH-CP-01	3131100P013	013	211121J009	018	SST	55	2513	138,22	2440	134,2	133,53	133,70
SIH-CP-01	3131100P014	009	211121J009	020	SST	110	2512	276,32	2460	270,6	270,64	269,08
SIH-CP-01	3131100P014	010	211121J009	021	SST	110	2512	276,32	2460	270,6	266,97	271,73
SIH-CP-01	3131100P014	011	211121J009	022	SST	110	2512	276,32	2460	270,6	270,17	269,64
SIH-CP-01	3131100P014	012	211121J009	023	SST	110	2512	276,32	2460	270,6	271,51	269,38
SIH-CP-01	3131100P014	013	211121J009	024	SST	110	2512	276,32	2460	270,6	271,61	265,90
SIH-CP-01	3131100P013	025	211121J009	028								37,07
SIH-CP-01	3131100P014	001	211121J009	030							23,94	22,70
SIH-CP-01	3131100P014	002	211121J009	031	SST	110	2512	276,32	2460	270,6	267,11	271,37
SIH-CP-01	3131100P014	003	211121J009	032	SST	110	2512	276,32	2460	270,6	270,78	271,27
SIH-CP-01	3131100P014	004	211121J009	033	SST	110	2512	276,32	2460	270,6	269,93	266,24
SIH-CP-01	3131100P014	005	211121J009	034	SST	110	2512	276,32	2460	270,6	269,93	268,23
SIH-CP-01	3131100P014	006	211121J009	035	SST	110	2512	276,32	2460	270,6	270,57	268,10
SIH-CP-01	3131100P013	023	211121J009	039							28,44	28,58
SIH-CP-01	3131100P013	022	211121J009	040	SST	110	2513	276,43	2440	268,4	263,24	263,10
SIH-CP-01	3131100P013	009	211121J009	041							28,64	28,76
SIH-CP-01	3131100P013	008	211121J009	042	SST	110	2513	276,43	2440	268,4	263,48	263,17
SIH-CP-01	3131100P013	006	211121J009	043							28,71	28,47
SIH-CP-01	3131100P013	019	211121J009	044	SST	110	2513	276,43	2440	268,4	264,66	264,34
SIH-CP-01	3131100P013	018	211121J009	045							29,93	30,01
SIH-CP-01	3131100P013	003	211121J009	046							28,51	28,65
SIH-CP-01	3131100P013	016	211121J009	047	SST	110	2513	276,43	2440	268,4	264,75	264,48
SIH-CP-01	3131100P012	025	211121J009	048	SST	110	2386	262,46	2465	271,15	265,53	265,32
SIH-CP-01	3131100P012	012	211121J009	049							67,43	28,91
SIH-CP-01	3131100P013	011	211121J009	050	SST	110	2513	276,43	2440	268,4	262,10	261,94
SIH-CP-01	3131100P013	024	211121J009	051							29,79	30,10
SIH-CP-01	3131100P013	010	211121J009	052							29,72	29,95
SIH-CP-01	3131100P013	020	211121J009	053							28,71	28,82
SIH-CP-01	3131100P013	021	211121J009	054							29,45	29,66
SIH-CP-01	3131100P013	007	211121J009	055							29,99	30,18
SIH-CP-01	3131100P013	017	211121J009	056							28,64	28,76
SIH-CP-01	3131100P013	005	211121J009	057	SST	110	2513	276,43	2440	268,4	263,51	263,30

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-01	3131100P013	004	211121J009	058							29,92	30,14
SIH-CP-01	3131100P012	013	211121J009	060							29,78	29,98
SIH-CP-01	3131100P012	020	211121J009	062							29,25	29,38
SIH-CP-01	3131100P013	002	211121J009	063	SST	110	2513	276,43	2440	268,4	261,93	261,79
SIH-CP-01	3131100P013	015	211121J009	064							29,72	29,80
SIH-CP-01	3131100P012	006	211121J009	065							28,38	28,69
SIH-CP-01	3131100P012	005	211121J009	066	SST	110	2386	262,46	2465	271,15	264,82	265,12
SIH-CP-01	3131100P012	018	211121J009	067							29,78	29,96
SIH-CP-01	3131100P012	004	211121J009	068							29,92	30,09
SIH-CP-01	3131100P012	014	211121J009	069							28,91	29,04
SIH-CP-01	3131100P012	002	211121J009	070	SST	110	2386	262,46	2465	271,15	266,84	266,63
SIH-CP-01	3131100P012	011	211121J009	071	SST	110	2386	262,46	2465	271,15	263,51	263,38
SIH-CP-01	3131100P012	024	211121J009	072							29,72	29,85
SIH-CP-01	3131100P012	008	211121J009	073	SST	110	2386	262,46	2465	271,15	265,77	265,60
SIH-CP-01	3131100P012	021	211121J009	074							30,06	30,24
SIH-CP-01	3131100P013	014	211121J009	075							28,51	28,63
SIH-CP-01	3131100P012	019	211121J009	076	SST	110	2386	262,46	2465	271,15	265,40	265,13
SIH-CP-01	3131100P012	007	211121J009	077							29,98	30,16
SIH-CP-01	3131100P012	017	211121J009	078							28,84	29,03
SIH-CP-01	3131100P012	016	211121J009	079	SST	110	2386	262,46	2465	271,15	266,34	266,22
SIH-CP-01	3131100P012	003	211121J009	080							28,91	29,12
SIH-CP-01	3131100P012	015	211121J009	081							29,99	30,16
SIH-CP-01	3131100P012	023	211121J009	083							28,57	28,75
SIH-CP-01	3131100P012	009	211121J009	084							28,51	28,69
SIH-CP-01	3131100P011	013	211121J009	085							23,87	24,10
SIH-CP-01	3131100P011	012	211121J009	086	SST	110	2515	276,65	2470	271,7	269,47	269,69
SIH-CP-01	3131100P011	003	211121J009	087	SST	110	2515	276,65	2470	271,7	270,17	270,53
SIH-CP-01	3131100P011	010	211121J009	088	SST	110	2515	276,65	2470	271,7	269,83	270,14
SIH-CP-01	3131100P011	001	211121J009	089	SST	110	2515	276,65	2470	271,7	266,47	266,67
SIH-CP-01	3131100P010	013	211121J009	090							31,60	31,90
SIH-CP-01	3131100P010	016	211121J009	091	SST	110	2524	277,64	2460	270,6	269,33	269,66
SIH-CP-01	3131100P010	030	211121J009	092	SST	110	2524	277,64	2460	270,6	269,19	269,55
SIH-CP-01	3131100P010	031	211121J009	093	SST	110	2524	277,64	2460	270,6	268,62	269,10
SIH-CP-01	3131100P012	022	211121J009	095	SST	110	2386	262,46	2465	271,15	263,58	263,36

Harness Bundle	From Connector		To Connector		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm) - measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-01	3131100P012	010	211121J009	096							29,72	29,95
SIH-CP-01	3131100P011	005	211121J009	097	SST	55	2515	138,33	2470	135,85	134,25	134,43
SIH-CP-01	3131100P011	004	211121J009	098	SST	110	2515	276,65	2470	271,7	269,42	269,67
SIH-CP-01	3131100P011	011	211121J009	099	SST	110	2515	276,65	2470	271,7	269,60	269,93
SIH-CP-01	3131100P011	002	211121J009	100	SST	110	2515	276,65	2470	271,7	269,77	270,14
SIH-CP-01	3131100P011	009	211121J009	101	SST	110	2515	276,65	2470	271,7	270,74	271,06
SIH-CP-01	3131100P010	015	211121J009	102	SST	110	2524	277,64	2460	270,6	270,44	270,78
SIH-CP-01	3131100P010	014	211121J009	103	SST	110	2524	277,64	2460	270,6	269,33	269,56
SIH-CP-01	3131100P010	029	211121J009	104	SST	110	2524	277,64	2460	270,6	268,29	268,61
SIH-CP-01	3131100P010	003	211121J009	107	SST	55	2524	138,82	2460	135,3	134,34	134,69
SIH-CP-01	3131100P010	005	211121J009	108	SST	110	2524	277,64	2460	270,6	265,02	265,22
SIH-CP-01	3131100P010	006	211121J009	109	SST	110	2524	277,64	2460	270,6	267,65	268,07
SIH-CP-01	3131100P010	008	211121J009	110	SST	110	2524	277,64	2460	270,6	265,16	265,31
SIH-CP-01	3131100P010	010	211121J009	111	SST	110	2524	277,64	2460	270,6	265,73	265,87
SIH-CP-01	3131100P010	012	211121J009	112	SST	110	2524	277,64	2460	270,6	264,59	264,86
SIH-CP-01	3131100P010	028	211121J009	113	SST	110	2524	277,64	2460	270,6	268,05	268,45
SIH-CP-01	3131100P010	027	211121J009	114	SST	110	2524	277,64	2460	270,6	264,45	264,52
SIH-CP-01	3131100P010	019	211121J009	116	SST	110	2524	277,64	2460	270,6	268,15	268,53
SIH-CP-01	3131100P010	021	211121J009	117	SST	110	2524	277,64	2460	270,6	265,19	265,34
SIH-CP-01	3131100P010	022	211121J009	118	SST	110	2524	277,64	2460	270,6	263,58	263,92
SIH-CP-01	3131100P010	024	211121J009	119	SST	110	2524	277,64	2460	270,6	268,29	268,56
SIH-CP-01	3131100P010	026	211121J009	120	SST	110	2524	277,64	2460	270,6	263,92	264,27
SIH-CP-01	3131100P010	011	211121J009	121	SST	110	2524	277,64	2460	270,6	268,25	268,83
SIH-CP-01	3131100P010	018	211121J009	122							19,63	19,80
SIH-CP-01	3131100P010	004	211121J009	123	SST	55	2524	138,82	2460	135,3	133,40	133,58
SIH-CP-01	3131100P010	020	211121J009	124	SST	110	2524	277,64	2460	270,6	265,06	265,14
SIH-CP-01	3131100P010	007	211121J009	125	SST	110	2524	277,64	2460	270,6	268,83	269,15
SIH-CP-01	3131100P010	023	211121J009	126	SST	110	2524	277,64	2460	270,6	264,92	265,04
SIH-CP-01	3131100P010	009	211121J009	127	SST	110	2524	277,64	2460	270,6	268,29	268,75
SIH-CP-01	3131100P010	025	211121J009	128	SST	110	2524	277,64	2460	270,6	268,06	268,44
SIH-CP-02	3131100P018	018	211121J008	001							18,83	18,98
SIH-CP-02	3131100P018	012	211121J008	002	SST	110	2411	265,21	2310	254,1	257,29	257,30
SIH-CP-02	3131100P018	028	211121J008	003	SST	110	2411	265,21	2310	254,1	256,96	257,04

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-02	3131100P018	011		211121J008	004	SST		110	2411	265,21	2310	254,1	257,83	257,93
SIH-CP-02	3131100P018	027		211121J008	005	SST		110	2411	265,21	2310	254,1	254,37	254,43
SIH-CP-02	3131100P018	010		211121J008	006	SST		110	2411	265,21	2310	254,1	257,56	257,54
SIH-CP-02	3131100P018	026		211121J008	007	SST		110	2411	265,21	2310	254,1	254,20	254,25
SIH-CP-02	3131100P018	003		211121J008	009	SST		55	2411	132,61	2310	127,05	127,32	127,45
SIH-CP-02	3131100P018	004		211121J008	010	SST		55	2411	132,61	2310	127,05	127,59	127,71
SIH-CP-02	3131100P018	005		211121J008	011	SST		110	2411	265,21	2310	254,1	254,54	254,57
SIH-CP-02	3131100P018	006		211121J008	012	SST		110	2411	265,21	2310	254,1	252,99	252,97
SIH-CP-02	3131100P018	007		211121J008	013	SST		110	2411	265,21	2310	254,1	254,20	254,19
SIH-CP-02	3131100P018	008		211121J008	014	SST		110	2411	265,21	2310	254,1	254,37	254,36
SIH-CP-02	3131100P018	009		211121J008	015	SST		110	2411	265,21	2310	254,1	257,36	257,57
SIH-CP-02	3131100P018	019		211121J008	018	SST		110	2411	265,21	2310	254,1	255,14	255,06
SIH-CP-02	3131100P018	020		211121J008	019	SST		110	2411	265,21	2310	254,1	254,54	254,42
SIH-CP-02	3131100P018	021		211121J008	020	SST		110	2411	265,21	2310	254,1	257,43	257,38
SIH-CP-02	3131100P018	022		211121J008	021	SST		110	2411	265,21	2310	254,1	257,66	257,60
SIH-CP-02	3131100P018	023		211121J008	022	SST		110	2411	265,21	2310	254,1	256,92	256,88
SIH-CP-02	3131100P018	024		211121J008	023	SST		110	2411	265,21	2310	254,1	257,26	257,11
SIH-CP-02	3131100P018	025		211121J008	024	SST		110	2411	265,21	2310	254,1	258,13	258,04
SIH-CP-02	3131100P018	029		211121J008	027	SST		110	2411	265,21	2310	254,1	259,24	259,18
SIH-CP-02	3131100P018	030		211121J008	028	SST		110	2411	265,21	2310	254,1	258,30	258,22
SIH-CP-02	3131100P018	031		211121J008	029	SST		110	2411	265,21	2310	254,1	257,93	257,91
SIH-CP-02	3131100P017	013		211121J008	030								22,99	23,21
SIH-CP-02	3131100P017	009		211121J008	031	SST		110	2438	268,18	2300	253	258,07	258,10
SIH-CP-02	3131100P017	010		211121J008	032	SST		110	2438	268,18	2300	253	258,50	258,58
SIH-CP-02	3131100P017	011		211121J008	033	SST		110	2438	268,18	2300	253	259,28	259,28
SIH-CP-02	3131100P017	012		211121J008	034	SST		110	2438	268,18	2300	253	258,60	258,63
SIH-CP-02	3131100P018	013		211121J008	037								30,72	31,13
SIH-CP-02	3131100P018	014		211121J008	038	SST		110	2411	265,21	2310	254,1	257,73	257,66
SIH-CP-02	3131100P018	015		211121J008	039	SST		110	2411	265,21	2310	254,1	257,02	257,00
SIH-CP-02	3131100P018	016		211121J008	040	SST		110	2411	265,21	2310	254,1	257,09	256,99
SIH-CP-02	3131100P017	001		211121J008	041	SST		110	2438	268,18	2300	253	257,39	257,49
SIH-CP-02	3131100P017	002		211121J008	042	SST		110	2438	268,18	2300	253	258,23	258,28
SIH-CP-02	3131100P017	003		211121J008	043	SST		110	2438	268,18	2300	253	254,57	254,69
SIH-CP-02	3131100P017	004		211121J008	044	SST		110	2438	268,18	2300	253	257,96	257,99

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-02	3131100P017	005		211121J008	045		SST	55	2438	134,09	2300	126,5	128,57	128,72
SIH-CP-02	3131100P016	012		211121J008	051								27,64	27,77
SIH-CP-02	3131100P016	025		211121J008	052		SST	110	2436	267,96	2280	250,8	251,14	251,18
SIH-CP-02	3131100P016	011		211121J008	053		SST	110	2436	267,96	2280	250,8	252,18	252,21
SIH-CP-02	3131100P016	023		211121J008	054								27,84	28,00
SIH-CP-02	3131100P016	022		211121J008	055		SST	110	2436	267,96	2280	250,8	251,68	251,83
SIH-CP-02	3131100P016	020		211121J008	058								27,84	27,99
SIH-CP-02	3131100P016	008		211121J008	059		SST	110	2436	267,96	2280	250,8	251,34	251,28
SIH-CP-02	3131100P016	007		211121J008	060								28,64	28,78
SIH-CP-02	3131100P016	019		211121J008	061		SST	110	2436	267,96	2280	250,8	249,76	249,71
SIH-CP-02	3131100P016	013		211121J008	062								28,78	28,91
SIH-CP-02	3131100P016	024		211121J008	064								28,65	28,77
SIH-CP-02	3131100P016	010		211121J008	065								29,05	29,24
SIH-CP-02	3131100P016	009		211121J008	066								27,50	27,90
SIH-CP-02	3131100P015	013		211121J008	068		SST	55	2436	133,98	2295	126,23	129,83	129,90
SIH-CP-02	3131100P016	021		211121J008	069								29,18	29,26
SIH-CP-02	3131100P015	023		211121J008	070								27,83	27,98
SIH-CP-02	3131100P016	006		211121J008	071								27,57	27,72
SIH-CP-02	3131100P016	005		211121J008	072		SST	110	2436	267,96	2280	250,8	251,24	251,23
SIH-CP-02	3131100P016	017		211121J008	073								27,50	27,60
SIH-CP-02	3131100P016	016		211121J008	074		SST	110	2436	267,96	2280	250,8	251,48	251,42
SIH-CP-02	3131100P016	014		211121J008	075								27,56	27,66
SIH-CP-02	3131100P016	002		211121J008	076		SST	110	2436	267,96	2280	250,8	252,35	252,32
SIH-CP-02	3131100P015	025		211121J008	077								36,25	36,49
SIH-CP-02	3131100P015	025		211121J008	078									36,31
SIH-CP-02	3131100P015	024		211121J008	079								28,91	29,11
SIH-CP-02	3131100P015	011		211121J008	080		SST	110	2436	267,96	2295	252,45	252,99	253,06
SIH-CP-02	3131100P015	017		211121J008	081								27,64	27,78
SIH-CP-02	3131100P016	018		211121J008	082								28,71	28,80
SIH-CP-02	3131100P016	003		211121J008	083								27,90	28,10
SIH-CP-02	3131100P016	004		211121J008	084								28,64	29,00
SIH-CP-02	3131100P016	015		211121J008	085								28,58	28,50
SIH-CP-02	3131100P015	012		211121J008	086		SST	55	2436	133,98	2295	126,23	129,07	129,29
SIH-CP-02	3131100P015	008		211121J008	087		SST	110	2436	267,96	2295	252,45	251,88	252,20

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-02	3131100P015	021	211121J008	088							28,64	28,80
SIH-CP-02	3131100P015	018	211121J008	089							29,05	29,20
SIH-CP-02	3131100P015	005	211121J008	090	SST	110	2436	267,96	2295	252,45	253,66	253,80
SIH-CP-02	3131100P015	004	211121J008	091							28,71	28,77
SIH-CP-02	3131100P015	014	211121J008	092							27,97	28,12
SIH-CP-02	3131100P015	002	211121J008	093	SST	110	2436	267,96	2295	252,45	255,34	255,38
SIH-CP-02	3131100P015	020	211121J008	094							26,90	27,28
SIH-CP-02	3131100P015	006	211121J008	095							27,90	28,02
SIH-CP-02	3131100P015	019	211121J008	096	SST	110	2436	267,96	2295	252,45	253,39	253,40
SIH-CP-02	3131100P015	007	211121J008	097							29,18	29,39
SIH-CP-02	3131100P015	003	211121J008	098							27,57	27,66
SIH-CP-02	3131100P015	016	211121J008	099	SST	110	2436	267,96	2295	252,45	253,23	253,27
SIH-CP-02	3131100P015	015	211121J008	100							29,25	29,32
SIH-CP-03	3131100P024	001	211121J002	003							17,62	17,87
SIH-CP-03	3131100P024	014	211121J002	004	SST	55	1662	91,41	1550	85,25	86,53	86,68
SIH-CP-03	3131100P024	007	211121J002	005	SST	55	1662	91,41	1550	85,25	86,01	86,29
SIH-CP-03	3131100P024	015	211121J002	006	SST	55	1662	91,41	1550	85,25	86,75	86,82
SIH-CP-03	3131100P024	008	211121J002	007	SST	55	1662	91,41	1550	85,25	86,34	86,45
SIH-CP-03	3131100P023	025	211121J002	009							27,23	27,31
SIH-CP-03	3131100P024	009	211121J002	010	SST	110	1662	182,82	1550	170,5	172,07	172,15
SIH-CP-03	3131100P024	010	211121J002	011	SST	110	1662	182,82	1550	170,5	174,02	174,02
SIH-CP-03	3131100P024	011	211121J002	012	SST	110	1662	182,82	1550	170,5	172,27	172,33
SIH-CP-03	3131100P024	012	211121J002	013	SST	110	1662	182,82	1550	170,5	170,79	170,88
SIH-CP-03	3131100P024	013	211121J002	014	SST	110	1662	182,82	1550	170,5	170,59	170,63
SIH-CP-03	3131100P023	012	211121J002	017	SST	55	1639	90,145	1535	84,425	85,79	85,88
SIH-CP-03	3131100P023	013	211121J002	018	SST	55	1639	90,145	1535	84,425	85,47	85,54
SIH-CP-03	3131100P024	002	211121J002	019	SST	110	1662	182,82	1550	170,5	173,95	173,89
SIH-CP-03	3131100P024	003	211121J002	020	SST	110	1662	182,82	1550	170,5	170,65	170,74
SIH-CP-03	3131100P024	004	211121J002	021	SST	110	1662	182,82	1550	170,5	174,31	174,28
SIH-CP-03	3131100P024	005	211121J002	022	SST	110	1662	182,82	1550	170,5	174,13	174,15
SIH-CP-03	3131100P024	006	211121J002	023	SST	110	1662	182,82	1550	170,5	174,02	173,91
SIH-CP-03	3131100P023	025	211121J002	028								27,15
SIH-CP-03	3131100P023	023	211121J002	039							21,85	21,92

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-03	3131100P023	022		211121J002	040		SST	110	1639	180,29	1535	168,85	168,97	169,04
SIH-CP-03	3131100P023	009		211121J002	041								22,19	22,35
SIH-CP-03	3131100P023	008		211121J002	042		SST	110	1639	180,29	1535	168,85	167,63	167,71
SIH-CP-03	3131100P023	006		211121J002	043								21,79	21,90
SIH-CP-03	3131100P023	019		211121J002	044		SST	110	1639	180,29	1535	168,85	169,60	169,53
SIH-CP-03	3131100P023	018		211121J002	045								23,74	23,80
SIH-CP-03	3131100P023	003		211121J002	046								21,86	21,99
SIH-CP-03	3131100P023	016		211121J002	047		SST	110	1639	180,29	1535	168,85	168,80	168,84
SIH-CP-03	3131100P022	025		211121J002	048		SST	110	1632	179,52	1535	168,85	166,28	166,30
SIH-CP-03	3131100P022	012		211121J002	049								60,66	21,70
SIH-CP-03	3131100P023	011		211121J002	050		SST	110	1639	180,29	1535	168,85	167,78	167,81
SIH-CP-03	3131100P023	024		211121J002	051								23,87	23,97
SIH-CP-03	3131100P023	010		211121J002	052								23,47	23,68
SIH-CP-03	3131100P023	020		211121J002	053								21,92	22,05
SIH-CP-03	3131100P023	021		211121J002	054								23,73	23,93
SIH-CP-03	3131100P023	007		211121J002	055								23,80	23,95
SIH-CP-03	3131100P023	017		211121J002	056								21,98	22,08
SIH-CP-03	3131100P023	005		211121J002	057		SST	110	1639	180,29	1535	168,85	168,73	168,85
SIH-CP-03	3131100P023	004		211121J002	058								23,87	24,02
SIH-CP-03	3131100P022	013		211121J002	060								23,40	23,56
SIH-CP-03	3131100P022	020		211121J002	062								21,78	22,20
SIH-CP-03	3131100P023	002		211121J002	063		SST	110	1639	180,29	1535	168,85	168,88	168,96
SIH-CP-03	3131100P023	015		211121J002	064								23,80	23,90
SIH-CP-03	3131100P022	006		211121J002	065								22,05	22,15
SIH-CP-03	3131100P022	005		211121J002	066		SST	110	1632	179,52	1535	168,85	168,03	168,33
SIH-CP-03	3131100P022	018		211121J002	067								24,01	24,11
SIH-CP-03	3131100P022	004		211121J002	068								23,94	24,03
SIH-CP-03	3131100P022	014		211121J002	069								21,98	22,06
SIH-CP-03	3131100P022	002		211121J002	070		SST	110	1632	179,52	1535	168,85	169,51	169,55
SIH-CP-03	3131100P022	011		211121J002	071		SST	110	1632	179,52	1535	168,85	166,33	166,75
SIH-CP-03	3131100P022	024		211121J002	072								23,67	23,79
SIH-CP-03	3131100P022	008		211121J002	073		SST	110	1632	179,52	1535	168,85	167,09	167,09
SIH-CP-03	3131100P022	021		211121J002	074								23,60	23,78
SIH-CP-03	3131100P023	014		211121J002	075								21,99	22,04

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-03	3131100P022	019		211121J002	076		SST	110	1632	179,52	1535	168,85	167,94	168,02
SIH-CP-03	3131100P022	007		211121J002	077								23,67	23,82
SIH-CP-03	3131100P022	017		211121J002	078								22,06	22,14
SIH-CP-03	3131100P022	016		211121J002	079		SST	110	1632	179,52	1535	168,85	169,11	169,18
SIH-CP-03	3131100P022	003		211121J002	080								21,78	22,05
SIH-CP-03	3131100P022	015		211121J002	081								23,87	23,97
SIH-CP-03	3131100P022	023		211121J002	083								21,85	21,94
SIH-CP-03	3131100P022	009		211121J002	084								21,79	21,96
SIH-CP-03	3131100P021	013		211121J002	085								18,02	18,15
SIH-CP-03	3131100P021	012		211121J002	086		SST	110	1684	185,24	1540	169,4	170,41	170,49
SIH-CP-03	3131100P021	003		211121J002	087		SST	110	1684	185,24	1540	169,4	170,52	170,61
SIH-CP-03	3131100P021	010		211121J002	088		SST	110	1684	185,24	1540	169,4	170,52	170,56
SIH-CP-03	3131100P021	001		211121J002	089		SST	110	1684	185,24	1540	169,4	171,84	171,87
SIH-CP-03	3131100P020	013		211121J002	090								23,81	23,89
SIH-CP-03	3131100P020	016		211121J002	091		SST	110	1629	179,19	1485	163,35	164,72	164,78
SIH-CP-03	3131100P020	030		211121J002	092		SST	110	1629	179,19	1485	163,35	165,28	165,37
SIH-CP-03	3131100P020	031		211121J002	093		SST	110	1629	179,19	1485	163,35	165,28	165,29
SIH-CP-03	3131100P022	022		211121J002	095		SST	110	1632	179,52	1535	168,85	167,63	167,61
SIH-CP-03	3131100P022	010		211121J002	096								23,20	23,57
SIH-CP-03	3131100P021	005		211121J002	097		SST	55	1684	92,62	1540	84,7	84,80	84,95
SIH-CP-03	3131100P021	004		211121J002	098		SST	110	1684	185,24	1540	169,4	170,99	170,94
SIH-CP-03	3131100P021	011		211121J002	099		SST	110	1684	185,24	1540	169,4	171,30	171,37
SIH-CP-03	3131100P021	002		211121J002	100		SST	110	1684	185,24	1540	169,4	170,86	170,84
SIH-CP-03	3131100P021	009		211121J002	101		SST	110	1684	185,24	1540	169,4	171,24	171,27
SIH-CP-03	3131100P020	015		211121J002	102		SST	110	1629	179,19	1485	163,35	165,57	165,59
SIH-CP-03	3131100P020	014		211121J002	103		SST	110	1629	179,19	1485	163,35	166,28	166,34
SIH-CP-03	3131100P020	029		211121J002	104		SST	110	1629	179,19	1485	163,35	165,39	165,51
SIH-CP-03	3131100P020	003		211121J002	107		SST	55	1629	89,595	1485	81,675	81,37	81,56
SIH-CP-03	3131100P020	005		211121J002	108		SST	110	1629	179,19	1485	163,35	165,21	165,30
SIH-CP-03	3131100P020	006		211121J002	109		SST	110	1629	179,19	1485	163,35	162,83	162,91
SIH-CP-03	3131100P020	008		211121J002	110		SST	110	1629	179,19	1485	163,35	165,05	165,16
SIH-CP-03	3131100P020	010		211121J002	111		SST	110	1629	179,19	1485	163,35	162,90	163,07
SIH-CP-03	3131100P020	012		211121J002	112		SST	110	1629	179,19	1485	163,35	165,25	165,24
SIH-CP-03	3131100P020	028		211121J002	113		SST	110	1629	179,19	1485	163,35	164,65	164,65

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-03	3131100P020	027		211121J002	114	SST		110	1629	179,19	1485	163,35	164,81	164,75
SIH-CP-03	3131100P020	019		211121J002	116	SST		110	1629	179,19	1485	163,35	165,01	164,97
SIH-CP-03	3131100P020	021		211121J002	117	SST		110	1629	179,19	1485	163,35	162,32	162,35
SIH-CP-03	3131100P020	022		211121J002	118	SST		110	1629	179,19	1485	163,35	164,74	164,78
SIH-CP-03	3131100P020	024		211121J002	119	SST		110	1629	179,19	1485	163,35	162,59	162,67
SIH-CP-03	3131100P020	026		211121J002	120	SST		110	1629	179,19	1485	163,35	162,70	162,84
SIH-CP-03	3131100P020	011		211121J002	121	SST		110	1629	179,19	1485	163,35	162,45	162,64
SIH-CP-03	3131100P020	018		211121J002	122								15,40	15,75
SIH-CP-03	3131100P020	004		211121J002	123	SST		55	1629	89,595	1485	81,675	82,37	82,48
SIH-CP-03	3131100P020	020		211121J002	124	SST		110	1629	179,19	1485	163,35	164,54	164,49
SIH-CP-03	3131100P020	007		211121J002	125	SST		110	1629	179,19	1485	163,35	162,97	163,06
SIH-CP-03	3131100P020	023		211121J002	126	SST		110	1629	179,19	1485	163,35	162,09	162,14
SIH-CP-03	3131100P020	009		211121J002	127	SST		110	1629	179,19	1485	163,35	163,12	163,22
SIH-CP-03	3131100P020	025		211121J002	128	SST		110	1629	179,19	1485	163,35	164,98	164,98
SIH-CP-04	3131100P028	018		211121J001	001								15,33	15,58
SIH-CP-04	3131100P028	012		211121J001	002	SST		110	1674	184,14	1580	173,8	174,69	174,75
SIH-CP-04	3131100P028	028		211121J001	003	SST		110	1674	184,14	1580	173,8	174,96	174,99
SIH-CP-04	3131100P028	011		211121J001	004	SST		110	1674	184,14	1580	173,8	175,23	175,32
SIH-CP-04	3131100P028	027		211121J001	005	SST		110	1674	184,14	1580	173,8	174,83	174,97
SIH-CP-04	3131100P028	010		211121J001	006	SST		110	1674	184,14	1580	173,8	171,39	171,55
SIH-CP-04	3131100P028	026		211121J001	007	SST		110	1674	184,14	1580	173,8	174,76	174,82
SIH-CP-04	3131100P028	003		211121J001	009	SST		55	1674	92,07	1580	86,9	86,80	86,99
SIH-CP-04	3131100P028	004		211121J001	010	SST		55	1674	92,07	1580	86,9	86,75	86,98
SIH-CP-04	3131100P028	005		211121J001	011	SST		110	1674	184,14	1580	173,8	174,22	174,69
SIH-CP-04	3131100P028	006		211121J001	012	SST		110	1674	184,14	1580	173,8	174,69	174,65
SIH-CP-04	3131100P028	007		211121J001	013	SST		110	1674	184,14	1580	173,8	175,03	175,05
SIH-CP-04	3131100P028	008		211121J001	014	SST		110	1674	184,14	1580	173,8	172,38	172,57
SIH-CP-04	3131100P028	009		211121J001	015	SST		110	1674	184,14	1580	173,8	175,10	175,14
SIH-CP-04	3131100P028	019		211121J001	018	SST		110	1674	184,14	1580	173,8	172,34	172,38
SIH-CP-04	3131100P028	020		211121J001	019	SST		110	1674	184,14	1580	173,8	172,25	172,32
SIH-CP-04	3131100P028	021		211121J001	020	SST		110	1674	184,14	1580	173,8	172,67	172,80
SIH-CP-04	3131100P028	022		211121J001	021	SST		110	1674	184,14	1580	173,8	174,35	174,42
SIH-CP-04	3131100P028	023		211121J001	022	SST		110	1674	184,14	1580	173,8	172,58	172,72

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-04	3131100P028	024		211121J001	023		SST	110	1674	184,14	1580	173,8	171,77	171,98
SIH-CP-04	3131100P028	025		211121J001	024		SST	110	1674	184,14	1580	173,8	172,72	172,83
SIH-CP-04	3131100P028	029		211121J001	027		SST	110	1674	184,14	1580	173,8	176,37	176,32
SIH-CP-04	3131100P028	030		211121J001	028		SST	110	1674	184,14	1580	173,8	176,58	176,57
SIH-CP-04	3131100P028	031		211121J001	029		SST	110	1674	184,14	1580	173,8	176,51	176,49
SIH-CP-04	3131100P027	013		211121J001	030								19,03	19,30
SIH-CP-04	3131100P027	009		211121J001	031		SST	110	1732	190,52	1670	183,7	185,10	185,26
SIH-CP-04	3131100P027	010		211121J001	032		SST	110	1732	190,52	1670	183,7	184,85	185,24
SIH-CP-04	3131100P027	011		211121J001	033		SST	110	1732	190,52	1670	183,7	185,23	185,37
SIH-CP-04	3131100P027	012		211121J001	034		SST	110	1732	190,52	1670	183,7	185,97	186,12
SIH-CP-04	3131100P028	013		211121J001	037								24,88	24,96
SIH-CP-04	3131100P028	014		211121J001	038		SST	110	1674	184,14	1580	173,8	176,58	176,57
SIH-CP-04	3131100P028	015		211121J001	039		SST	110	1674	184,14	1580	173,8	177,49	177,49
SIH-CP-04	3131100P028	016		211121J001	040		SST	110	1674	184,14	1580	173,8	175,57	175,48
SIH-CP-04	3131100P027	001		211121J001	041		SST	110	1732	190,52	1670	183,7	182,88	183,16
SIH-CP-04	3131100P027	002		211121J001	042		SST	110	1732	190,52	1670	183,7	185,57	185,45
SIH-CP-04	3131100P027	003		211121J001	043		SST	110	1732	190,52	1670	183,7	186,31	186,42
SIH-CP-04	3131100P027	004		211121J001	044		SST	110	1732	190,52	1670	183,7	185,84	185,91
SIH-CP-04	3131100P027	005		211121J001	045		SST	55	1732	95,26	1670	91,85	92,20	92,36
SIH-CP-04	3131100P026	012		211121J001	051								22,72	22,84
SIH-CP-04	3131100P026	025		211121J001	052		SST	110	1715	188,65	1610	177,1	175,74	175,69
SIH-CP-04	3131100P026	011		211121J001	053		SST	110	1715	188,65	1610	177,1	175,36	175,45
SIH-CP-04	3131100P026	023		211121J001	054								22,53	22,68
SIH-CP-04	3131100P026	022		211121J001	055		SST	110	1715	188,65	1610	177,1	176,51	176,50
SIH-CP-04	3131100P026	020		211121J001	058								22,46	22,49
SIH-CP-04	3131100P026	008		211121J001	059		SST	110	1715	188,65	1610	177,1	174,09	174,14
SIH-CP-04	3131100P026	007		211121J001	060								24,27	24,57
SIH-CP-04	3131100P026	019		211121J001	061		SST	110	1715	188,65	1610	177,1	175,27	175,41
SIH-CP-04	3131100P026	013		211121J001	062								24,34	24,51
SIH-CP-04	3131100P026	024		211121J001	064								24,27	24,36
SIH-CP-04	3131100P026	010		211121J001	065								24,40	24,58
SIH-CP-04	3131100P026	009		211121J001	066								22,59	22,77
SIH-CP-04	3131100P025	013		211121J001	068		SST	55	1703	93,665	1610	88,55	89,51	89,63
SIH-CP-04	3131100P026	021		211121J001	069								23,87	23,97

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-04	3131100P025	023	211121J001	070							22,80	22,83
SIH-CP-04	3131100P026	006	211121J001	071							22,39	22,73
SIH-CP-04	3131100P026	005	211121J001	072	SST	110	1715	188,65	1610	177,1	174,67	174,86
SIH-CP-04	3131100P026	017	211121J001	073							22,46	22,54
SIH-CP-04	3131100P026	016	211121J001	074	SST	110	1715	188,65	1610	177,1	175,84	175,88
SIH-CP-04	3131100P026	014	211121J001	075							22,53	22,65
SIH-CP-04	3131100P026	002	211121J001	076	SST	110	1715	188,65	1610	177,1	175,74	175,90
SIH-CP-04	3131100P025	025	211121J001	077							28,51	28,67
SIH-CP-04	3131100P025	025	211121J001	078								28,62
SIH-CP-04	3131100P025	024	211121J001	079							24,34	24,73
SIH-CP-04	3131100P025	011	211121J001	080	SST	110	1703	187,33	1610	177,1	176,64	176,64
SIH-CP-04	3131100P025	017	211121J001	081							22,59	22,76
SIH-CP-04	3131100P026	018	211121J001	082							24,27	24,38
SIH-CP-04	3131100P026	003	211121J001	083							22,39	22,66
SIH-CP-04	3131100P026	004	211121J001	084							24,00	24,24
SIH-CP-04	3131100P026	015	211121J001	085							24,41	24,56
SIH-CP-04	3131100P025	012	211121J001	086	SST	55	1703	93,665	1610	88,55	89,37	89,70
SIH-CP-04	3131100P025	008	211121J001	087	SST	110	1703	187,33	1610	177,1	177,16	177,15
SIH-CP-04	3131100P025	021	211121J001	088							24,67	24,69
SIH-CP-04	3131100P025	018	211121J001	089							24,34	24,41
SIH-CP-04	3131100P025	005	211121J001	090	SST	110	1703	187,33	1610	177,1	175,97	176,09
SIH-CP-04	3131100P025	004	211121J001	091							24,48	24,80
SIH-CP-04	3131100P025	014	211121J001	092							22,73	22,79
SIH-CP-04	3131100P025	002	211121J001	093	SST	110	1703	187,33	1610	177,1	177,38	177,44
SIH-CP-04	3131100P025	020	211121J001	094							22,93	23,17
SIH-CP-04	3131100P025	006	211121J001	095							22,73	22,79
SIH-CP-04	3131100P025	019	211121J001	096	SST	110	1703	187,33	1610	177,1	177,09	177,42
SIH-CP-04	3131100P025	007	211121J001	097							24,14	24,68
SIH-CP-04	3131100P025	003	211121J001	098							22,59	22,67
SIH-CP-04	3131100P025	016	211121J001	099	SST	110	1703	187,33	1610	177,1	177,18	177,18
SIH-CP-04	3131100P025	015	211121J001	100							24,27	24,35
SIH-CP-05	3131100P051	006	211121J005	001	SST	110	2468	271,48	2365	260,15	259,68	259,42
SIH-CP-05	3131100P051	008	211121J005	002	SST	110	2468	271,48	2365	260,15	262,64	262,39

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-05	3131100P051	028	211121J005	003	SST	110	2468	271,48	2365	260,15	260,96	260,65
SIH-CP-05	3131100P051	010	211121J005	004	SST	110	2468	271,48	2365	260,15	263,68	263,43
SIH-CP-05	3131100P051	012	211121J005	005	SST	110	2468	271,48	2365	260,15	262,91	262,59
SIH-CP-05	3131100P051	030	211121J005	006	SST	110	2468	271,48	2365	260,15	263,14	262,80
SIH-CP-05	3131100P051	013	211121J005	007	SST	110	2468	271,48	2365	260,15	263,07	262,75
SIH-CP-05	3131100P051	024	211121J005	008	SST	110	2468	271,48	2365	260,15	258,70	258,58
SIH-CP-05	3131100P051	026	211121J005	009	SST	110	2468	271,48	2365	260,15	263,11	262,76
SIH-CP-05	3131100P051	009	211121J005	010	SST	110	2468	271,48	2365	260,15	263,71	263,44
SIH-CP-05	3131100P051	029	211121J005	011	SST	110	2468	271,48	2365	260,15	260,62	260,30
SIH-CP-05	3131100P051	031	211121J005	013	SST	110	2468	271,48	2365	260,15	265,66	265,32
SIH-CP-05	3131100P051	032	211121J005	014	SST	110	2468	271,48	2365	260,15	262,17	261,81
SIH-CP-05	3131100P051	004	211121J005	015	SST	110	2468	271,48	2365	260,15	260,96	260,64
SIH-CP-05	3131100P051	023	211121J005	016	SST	110	2468	271,48	2365	260,15	260,89	260,57
SIH-CP-05	3131100P051	007	211121J005	017	SST	110	2468	271,48	2365	260,15	260,35	259,99
SIH-CP-05	3131100P051	027	211121J005	018	SST	110	2468	271,48	2365	260,15	260,42	260,03
SIH-CP-05	3131100P051	011	211121J005	019	SST	110	2468	271,48	2365	260,15	260,18	259,82
SIH-CP-05	3131100P051	033	211121J005	022	SST	110	2468	271,48	2365	260,15	262,94	262,65
SIH-CP-05	3131100P051	014	211121J005	023	SST	110	2468	271,48	2365	260,15	263,01	262,62
SIH-CP-05	3131100P051	016	211121J005	024	SST	110	2468	271,48	2365	260,15	264,66	264,20
SIH-CP-05	3131100P051	022	211121J005	026	SST	110	2468	271,48	2365	260,15	260,65	260,38
SIH-CP-05	3131100P051	005	211121J005	027	SST	110	2468	271,48	2365	260,15	258,07	257,78
SIH-CP-05	3131100P051	025	211121J005	028	SST	110	2468	271,48	2365	260,15	259,75	259,43
SIH-CP-05	3131100P052	013	211121J005	032	SST	110	2454	269,94	2325	255,75	255,61	255,49
SIH-CP-05	3131100P051	015	211121J005	033	SST	110	2468	271,48	2365	260,15	259,91	259,69
SIH-CP-05	3131100P051	034	211121J005	034	SST	110	2468	271,48	2365	260,15	265,02	264,70
SIH-CP-05	3131100P051	036	211121J005	035	SST	110	2468	271,48	2365	260,15	262,54	262,29
SIH-CP-05	3131100P052	006	211121J005	040	SST	110	2454	269,94	2325	255,75	256,15	256,07
SIH-CP-05	3131100P052	014	211121J005	041	BRASS	1,4	2454	3,4356	2325	3,255	3,23	3,27
SIH-CP-05	3131100P052	035	211121J005	042	SST	110	2454	269,94	2325	255,75	260,89	260,61
SIH-CP-05	3131100P052	031	211121J005	043	SST	110	2454	269,94	2325	255,75	255,18	255,15
SIH-CP-05	3131100P052	012	211121J005	044	SST	110	2454	269,94	2325	255,75	260,65	260,48
SIH-CP-05	3131100P051	035	211121J005	045	SST	110	2468	271,48	2365	260,15	261,09	260,69
SIH-CP-05	3131100P051	017	211121J005	046	SST	110	2468	271,48	2365	260,15	261,76	261,47
SIH-CP-05	3131100P051	018	211121J005	047	SST	110	2468	271,48	2365	260,15	265,76	265,47

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-05	3131100P052	025		211121J005	051	SST		110	2454	269,94	2325	255,75	257,16	256,97
SIH-CP-05	3131100P052	007		211121J005	052	SST		110	2454	269,94	2325	255,75	256,79	256,56
SIH-CP-05	3131100P052	015		211121J005	053	BRASS		1,4	2454	3,4356	2325	3,255	3,23	3,31
SIH-CP-05	3131100P052	016		211121J005	054	SST		110	2454	269,94	2325	255,75	258,81	258,66
SIH-CP-05	3131100P052	030		211121J005	055	SST		110	2454	269,94	2325	255,75	260,69	260,46
SIH-CP-05	3131100P052	027		211121J005	056	SST		110	2454	269,94	2325	255,75	260,29	260,09
SIH-CP-05	3131100P051	019		211121J005	057	SST		110	2468	271,48	2365	260,15	262,57	262,43
SIH-CP-05	3131100P051	037		211121J005	058	SST		110	2468	271,48	2365	260,15	261,93	261,61
SIH-CP-05	3131100P052	034		211121J005	065	SST		110	2454	269,94	2325	255,75	260,79	260,65
SIH-CP-05	3131100P052	032		211121J005	066	SST		110	2454	269,94	2325	255,75	257,83	257,65
SIH-CP-05	3131100P052	009		211121J005	067	SST		110	2454	269,94	2325	255,75	257,63	257,59
SIH-CP-05	3131100P052	026		211121J005	068	SST		110	2454	269,94	2325	255,75	257,46	257,24
SIH-CP-05	3131100P050	037		211121J005	069	SST		110	2492	274,12	2380	261,8	265,40	265,07
SIH-CP-05	3131100P052	033		211121J005	077	SST		110	2454	269,94	2325	255,75	258,50	258,39
SIH-CP-05	3131100P052	010		211121J005	078	SST		110	2454	269,94	2325	255,75	256,69	256,61
SIH-CP-05	3131100P052	008		211121J005	079	SST		110	2454	269,94	2325	255,75	255,44	255,42
SIH-CP-05	3131100P050	016		211121J005	080	SST		110	2492	274,12	2380	261,8	264,99	264,79
SIH-CP-05	3131100P050	019		211121J005	081	SST		110	2492	274,12	2380	261,8	268,22	267,91
SIH-CP-05	3131100P052	020		211121J005	084	SST		110	2454	269,94	2325	255,75	258,30	258,16
SIH-CP-05	3131100P052	021		211121J005	085	SST		110	2454	269,94	2325	255,75	258,67	258,58
SIH-CP-05	3131100P052	022		211121J005	086	SST		110	2454	269,94	2325	255,75	257,73	257,59
SIH-CP-05	3131100P052	023		211121J005	087	SST		110	2454	269,94	2325	255,75	258,17	258,01
SIH-CP-05	3131100P052	024		211121J005	088	SST		110	2454	269,94	2325	255,75	257,09	256,80
SIH-CP-05	3131100P052	011		211121J005	089	SST		110	2454	269,94	2325	255,75	258,84	258,73
SIH-CP-05	3131100P052	028		211121J005	090	SST		110	2454	269,94	2325	255,75	260,69	260,49
SIH-CP-05	3131100P050	034		211121J005	091	SST		110	2492	274,12	2380	261,8	268,35	268,02
SIH-CP-05	3131100P050	036		211121J005	092	SST		110	2492	274,12	2380	261,8	266,84	266,66
SIH-CP-05	3131100P050	018		211121J005	093	SST		110	2492	274,12	2380	261,8	267,71	267,40
SIH-CP-05	3131100P052	001		211121J005	096	SST		110	2454	269,94	2325	255,75	259,17	259,05
SIH-CP-05	3131100P052	002		211121J005	097	SST		110	2454	269,94	2325	255,75	254,37	254,31
SIH-CP-05	3131100P052	003		211121J005	098	SST		110	2454	269,94	2325	255,75	257,19	257,09
SIH-CP-05	3131100P052	004		211121J005	099	SST		110	2454	269,94	2325	255,75	254,61	254,48
SIH-CP-05	3131100P052	005		211121J005	100	SST		110	2454	269,94	2325	255,75	257,83	257,75
SIH-CP-05	3131100P052	029		211121J005	101	SST		110	2454	269,94	2325	255,75	258,50	258,35

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-05	3131100P050	014	211121J005	102	SST	110	2492	274,12	2380	261,8	262,30	261,99
SIH-CP-05	3131100P050	015	211121J005	103	SST	110	2492	274,12	2380	261,8	264,39	264,05
SIH-CP-05	3131100P050	017	211121J005	104	SST	110	2492	274,12	2380	261,8	265,46	265,19
SIH-CP-05	3131100P050	022	211121J005	105	SST	110	2492	274,12	2380	261,8	264,22	263,75
SIH-CP-05	3131100P050	023	211121J005	106	SST	110	2492	274,12	2380	261,8	266,17	265,89
SIH-CP-05	3131100P050	005	211121J005	107	SST	110	2492	274,12	2380	261,8	265,60	265,35
SIH-CP-05	3131100P050	026	211121J005	108	SST	110	2492	274,12	2380	261,8	266,47	266,13
SIH-CP-05	3131100P050	008	211121J005	109	SST	110	2492	274,12	2380	261,8	264,12	263,81
SIH-CP-05	3131100P050	010	211121J005	110	SST	110	2492	274,12	2380	261,8	267,01	266,86
SIH-CP-05	3131100P050	032	211121J005	112	SST	110	2492	274,12	2380	261,8	265,16	264,90
SIH-CP-05	3131100P050	033	211121J005	113	SST	110	2492	274,12	2380	261,8	264,82	264,57
SIH-CP-05	3131100P050	035	211121J005	114	SST	110	2492	274,12	2380	261,8	265,36	265,02
SIH-CP-05	3131100P050	004	211121J005	115	SST	110	2492	274,12	2380	261,8	263,85	263,60
SIH-CP-05	3131100P050	025	211121J005	116	SST	110	2492	274,12	2380	261,8	263,92	263,55
SIH-CP-05	3131100P050	007	211121J005	117	SST	110	2492	274,12	2380	261,8	260,79	260,61
SIH-CP-05	3131100P050	028	211121J005	118	SST	110	2492	274,12	2380	261,8	263,38	263,02
SIH-CP-05	3131100P050	029	211121J005	119	SST	110	2492	274,12	2380	261,8	262,74	262,43
SIH-CP-05	3131100P050	012	211121J005	120	SST	110	2492	274,12	2380	261,8	264,66	264,33
SIH-CP-05	3131100P050	013	211121J005	121	SST	110	2492	274,12	2380	261,8	264,15	263,85
SIH-CP-05	3131100P050	024	211121J005	122	SST	110	2492	274,12	2380	261,8	263,71	263,44
SIH-CP-05	3131100P050	006	211121J005	123	SST	110	2492	274,12	2380	261,8	263,38	263,05
SIH-CP-05	3131100P050	027	211121J005	124	SST	110	2492	274,12	2380	261,8	263,54	263,26
SIH-CP-05	3131100P050	009	211121J005	125	SST	110	2492	274,12	2380	261,8	262,91	262,53
SIH-CP-05	3131100P050	011	211121J005	126	SST	110	2492	274,12	2380	261,8	261,97	261,65
SIH-CP-05	3131100P050	030	211121J005	127	SST	110	2492	274,12	2380	261,8	265,02	264,77
SIH-CP-05	3131100P050	031	211121J005	128	SST	110	2492	274,12	2380	261,8	263,38	263,15
SIH-CP-06	3131100P054	006	211121J006	001	SST	110	2362	259,82	2255	248,05	246,64	246,48
SIH-CP-06	3131100P054	008	211121J006	002	SST	110	2362	259,82	2255	248,05	246,06	245,94
SIH-CP-06	3131100P054	028	211121J006	003	SST	110	2362	259,82	2255	248,05	246,87	246,68
SIH-CP-06	3131100P054	010	211121J006	004	SST	110	2362	259,82	2255	248,05	247,51	247,41
SIH-CP-06	3131100P054	012	211121J006	005	SST	110	2362	259,82	2255	248,05	251,04	250,88
SIH-CP-06	3131100P054	030	211121J006	006	SST	110	2362	259,82	2255	248,05	249,02	248,84
SIH-CP-06	3131100P054	013	211121J006	007	SST	110	2362	259,82	2255	248,05	248,89	248,68

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-06	3131100P054	024	211121J006	008	SST	110	2362	259,82	2255	248,05	247,17	246,84
SIH-CP-06	3131100P054	026	211121J006	009	SST	110	2362	259,82	2255	248,05	245,49	245,25
SIH-CP-06	3131100P054	009	211121J006	010	SST	110	2362	259,82	2255	248,05	247,17	247,02
SIH-CP-06	3131100P054	029	211121J006	011	SST	110	2362	259,82	2255	248,05	248,62	248,45
SIH-CP-06	3131100P054	031	211121J006	013	SST	110	2362	259,82	2255	248,05	252,45	252,22
SIH-CP-06	3131100P054	032	211121J006	014	SST	110	2362	259,82	2255	248,05	249,83	249,61
SIH-CP-06	3131100P054	004	211121J006	015	SST	110	2362	259,82	2255	248,05	246,27	246,07
SIH-CP-06	3131100P054	023	211121J006	016	SST	110	2362	259,82	2255	248,05	249,90	249,69
SIH-CP-06	3131100P054	007	211121J006	017	SST	110	2362	259,82	2255	248,05	244,25	244,02
SIH-CP-06	3131100P054	027	211121J006	018	SST	110	2362	259,82	2255	248,05	249,73	249,52
SIH-CP-06	3131100P054	011	211121J006	019	SST	110	2362	259,82	2255	248,05	249,46	249,23
SIH-CP-06	3131100P054	033	211121J006	022	SST	110	2362	259,82	2255	248,05	252,22	252,00
SIH-CP-06	3131100P054	014	211121J006	023	SST	110	2362	259,82	2255	248,05	247,17	246,89
SIH-CP-06	3131100P054	016	211121J006	024	SST	110	2362	259,82	2255	248,05	249,16	248,94
SIH-CP-06	3131100P054	022	211121J006	026	SST	110	2362	259,82	2255	248,05	246,84	246,59
SIH-CP-06	3131100P054	005	211121J006	027	SST	110	2362	259,82	2255	248,05	246,67	246,49
SIH-CP-06	3131100P054	025	211121J006	028	SST	110	2362	259,82	2255	248,05	247,01	246,80
SIH-CP-06	3131100P055	013	211121J006	032	SST	110	2348	258,28	2245	246,95	248,82	248,61
SIH-CP-06	3131100P054	015	211121J006	033	SST	110	2362	259,82	2255	248,05	251,58	251,40
SIH-CP-06	3131100P054	034	211121J006	034	SST	110	2362	259,82	2255	248,05	252,32	252,05
SIH-CP-06	3131100P054	036	211121J006	035	SST	110	2362	259,82	2255	248,05	249,19	249,00
SIH-CP-06	3131100P055	006	211121J006	040	SST	110	2348	258,28	2245	246,95	247,54	247,41
SIH-CP-06	3131100P055	014	211121J006	041	BRASS	1,4	2348	3,2872	2245	3,143	3,09	3,15
SIH-CP-06	3131100P055	035	211121J006	042	SST	110	2348	258,28	2245	246,95	249,02	248,83
SIH-CP-06	3131100P055	031	211121J006	043	SST	110	2348	258,28	2245	246,95	250,80	250,57
SIH-CP-06	3131100P055	012	211121J006	044	SST	110	2348	258,28	2245	246,95	250,84	250,63
SIH-CP-06	3131100P054	035	211121J006	045	SST	110	2362	259,82	2255	248,05	252,92	252,61
SIH-CP-06	3131100P054	017	211121J006	046	SST	110	2362	259,82	2255	248,05	250,00	249,76
SIH-CP-06	3131100P054	018	211121J006	047	SST	110	2362	259,82	2255	248,05	249,59	249,30
SIH-CP-06	3131100P055	025	211121J006	051	SST	110	2348	258,28	2245	246,95	246,74	246,61
SIH-CP-06	3131100P055	007	211121J006	052	SST	110	2348	258,28	2245	246,95	247,85	247,66
SIH-CP-06	3131100P055	015	211121J006	053	BRASS	1,4	2348	3,2872	2245	3,143	3,03	3,20
SIH-CP-06	3131100P055	016	211121J006	054	SST	110	2348	258,28	2245	246,95	250,57	250,45
SIH-CP-06	3131100P055	030	211121J006	055	SST	110	2348	258,28	2245	246,95	249,39	249,23

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-06	3131100P055	027	211121J006	056	SST	110	2348	258,28	2245	246,95	248,99	248,71
SIH-CP-06	3131100P054	019	211121J006	057	SST	110	2362	259,82	2255	248,05	249,76	249,58
SIH-CP-06	3131100P054	037	211121J006	058	SST	110	2362	259,82	2255	248,05	248,96	248,76
SIH-CP-06	3131100P055	034	211121J006	065	SST	110	2348	258,28	2245	246,95	247,68	247,51
SIH-CP-06	3131100P055	032	211121J006	066	SST	110	2348	258,28	2245	246,95	246,84	246,68
SIH-CP-06	3131100P055	009	211121J006	067	SST	110	2348	258,28	2245	246,95	245,90	245,69
SIH-CP-06	3131100P055	026	211121J006	068	SST	110	2348	258,28	2245	246,95	247,95	247,69
SIH-CP-06	3131100P053	037	211121J006	069	SST	110	2389	262,79	2255	248,05	253,12	252,98
SIH-CP-06	3131100P055	033	211121J006	077	SST	110	2348	258,28	2245	246,95	245,53	245,34
SIH-CP-06	3131100P055	010	211121J006	078	SST	110	2348	258,28	2245	246,95	249,36	249,20
SIH-CP-06	3131100P055	008	211121J006	079	SST	110	2348	258,28	2245	246,95	251,04	250,92
SIH-CP-06	3131100P053	016	211121J006	080	SST	110	2389	262,79	2255	248,05	250,00	249,93
SIH-CP-06	3131100P053	019	211121J006	081	SST	110	2389	262,79	2255	248,05	252,72	252,54
SIH-CP-06	3131100P055	020	211121J006	084	SST	110	2348	258,28	2245	246,95	248,18	247,98
SIH-CP-06	3131100P055	021	211121J006	085	SST	110	2348	258,28	2245	246,95	248,79	248,67
SIH-CP-06	3131100P055	022	211121J006	086	SST	110	2348	258,28	2245	246,95	249,59	249,47
SIH-CP-06	3131100P055	023	211121J006	087	SST	110	2348	258,28	2245	246,95	245,16	244,97
SIH-CP-06	3131100P055	024	211121J006	088	SST	110	2348	258,28	2245	246,95	247,75	247,55
SIH-CP-06	3131100P055	011	211121J006	089	SST	110	2348	258,28	2245	246,95	250,57	250,32
SIH-CP-06	3131100P055	028	211121J006	090	SST	110	2348	258,28	2245	246,95	248,05	247,82
SIH-CP-06	3131100P053	034	211121J006	091	SST	110	2389	262,79	2255	248,05	250,33	250,20
SIH-CP-06	3131100P053	036	211121J006	092	SST	110	2389	262,79	2255	248,05	253,23	252,89
SIH-CP-06	3131100P053	018	211121J006	093	SST	110	2389	262,79	2255	248,05	250,23	250,05
SIH-CP-06	3131100P055	001	211121J006	096	SST	110	2348	258,28	2245	246,95	249,73	249,57
SIH-CP-06	3131100P055	002	211121J006	097	SST	110	2348	258,28	2245	246,95	248,15	248,05
SIH-CP-06	3131100P055	003	211121J006	098	SST	110	2348	258,28	2245	246,95	248,48	248,41
SIH-CP-06	3131100P055	004	211121J006	099	SST	110	2348	258,28	2245	246,95	248,69	248,47
SIH-CP-06	3131100P055	005	211121J006	100	SST	110	2348	258,28	2245	246,95	245,26	245,12
SIH-CP-06	3131100P055	029	211121J006	101	SST	110	2348	258,28	2245	246,95	250,47	250,23
SIH-CP-06	3131100P053	014	211121J006	102	SST	110	2389	262,79	2255	248,05	253,66	253,58
SIH-CP-06	3131100P053	015	211121J006	103	SST	110	2389	262,79	2255	248,05	250,67	250,44
SIH-CP-06	3131100P053	017	211121J006	104	SST	110	2389	262,79	2255	248,05	249,90	249,75
SIH-CP-06	3131100P053	022	211121J006	105	SST	110	2389	262,79	2255	248,05	251,38	251,20
SIH-CP-06	3131100P053	023	211121J006	106	SST	110	2389	262,79	2255	248,05	249,53	249,35

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-06	3131100P053	005	211121J006	107	SST	110	2389	262,79	2255	248,05	249,16	249,15
SIH-CP-06	3131100P053	026	211121J006	108	SST	110	2389	262,79	2255	248,05	248,62	248,46
SIH-CP-06	3131100P053	008	211121J006	109	SST	110	2389	262,79	2255	248,05	247,68	247,54
SIH-CP-06	3131100P053	010	211121J006	110	SST	110	2389	262,79	2255	248,05	252,32	252,20
SIH-CP-06	3131100P053	032	211121J006	112	SST	110	2389	262,79	2255	248,05	250,64	250,69
SIH-CP-06	3131100P053	033	211121J006	113	SST	110	2389	262,79	2255	248,05	248,01	247,80
SIH-CP-06	3131100P053	035	211121J006	114	SST	110	2389	262,79	2255	248,05	253,70	253,45
SIH-CP-06	3131100P053	004	211121J006	115	SST	110	2389	262,79	2255	248,05	251,91	251,77
SIH-CP-06	3131100P053	025	211121J006	116	SST	110	2389	262,79	2255	248,05	249,29	249,12
SIH-CP-06	3131100P053	007	211121J006	117	SST	110	2389	262,79	2255	248,05	248,72	248,51
SIH-CP-06	3131100P053	028	211121J006	118	SST	110	2389	262,79	2255	248,05	249,06	248,83
SIH-CP-06	3131100P053	029	211121J006	119	SST	110	2389	262,79	2255	248,05	249,29	249,06
SIH-CP-06	3131100P053	012	211121J006	120	SST	110	2389	262,79	2255	248,05	250,47	250,45
SIH-CP-06	3131100P053	013	211121J006	121	SST	110	2389	262,79	2255	248,05	249,83	249,65
SIH-CP-06	3131100P053	024	211121J006	122	SST	110	2389	262,79	2255	248,05	249,29	249,34
SIH-CP-06	3131100P053	006	211121J006	123	SST	110	2389	262,79	2255	248,05	252,12	251,88
SIH-CP-06	3131100P053	027	211121J006	124	SST	110	2389	262,79	2255	248,05	249,36	249,16
SIH-CP-06	3131100P053	009	211121J006	125	SST	110	2389	262,79	2255	248,05	248,82	248,63
SIH-CP-06	3131100P053	011	211121J006	126	SST	110	2389	262,79	2255	248,05	246,27	246,34
SIH-CP-06	3131100P053	030	211121J006	127	SST	110	2389	262,79	2255	248,05	249,69	249,51
SIH-CP-06	3131100P053	031	211121J006	128	SST	110	2389	262,79	2255	248,05	251,95	251,73
SIH-CP-07	3131100P057	006	211121J010	001	SST	110	1859	204,49	1765	194,15	196,12	196,22
SIH-CP-07	3131100P057	008	211121J010	002	SST	110	1859	204,49	1765	194,15	191,54	191,97
SIH-CP-07	3131100P057	028	211121J010	003	SST	110	1859	204,49	1765	194,15	193,67	193,87
SIH-CP-07	3131100P057	010	211121J010	004	SST	110	1859	204,49	1765	194,15	193,11	193,26
SIH-CP-07	3131100P057	012	211121J010	005	SST	110	1859	204,49	1765	194,15	197,78	197,89
SIH-CP-07	3131100P057	030	211121J010	006	SST	110	1859	204,49	1765	194,15	195,76	195,79
SIH-CP-07	3131100P057	013	211121J010	007	SST	110	1859	204,49	1765	194,15	197,44	197,48
SIH-CP-07	3131100P057	024	211121J010	008	SST	110	1859	204,49	1765	194,15	193,85	194,03
SIH-CP-07	3131100P057	026	211121J010	009	SST	110	1859	204,49	1765	194,15	193,74	193,85
SIH-CP-07	3131100P057	009	211121J010	010	SST	110	1859	204,49	1765	194,15	193,11	193,21
SIH-CP-07	3131100P057	029	211121J010	011	SST	110	1859	204,49	1765	194,15	195,08	195,26
SIH-CP-07	3131100P057	031	211121J010	013	SST	110	1859	204,49	1765	194,15	197,98	198,01

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-07	3131100P057	032	211121J010	014	SST	110	1859	204,49	1765	194,15	195,96	195,92
SIH-CP-07	3131100P057	004	211121J010	015	SST	110	1859	204,49	1765	194,15	194,59	194,64
SIH-CP-07	3131100P057	023	211121J010	016	SST	110	1859	204,49	1765	194,15	192,80	192,81
SIH-CP-07	3131100P057	007	211121J010	017	SST	110	1859	204,49	1765	194,15	195,46	195,53
SIH-CP-07	3131100P057	027	211121J010	018	SST	110	1859	204,49	1765	194,15	193,33	193,36
SIH-CP-07	3131100P057	011	211121J010	019	SST	110	1859	204,49	1765	194,15	195,26	195,29
SIH-CP-07	3131100P057	033	211121J010	022	SST	110	1859	204,49	1765	194,15	195,39	195,44
SIH-CP-07	3131100P057	014	211121J010	023	SST	110	1859	204,49	1765	194,15	195,46	195,52
SIH-CP-07	3131100P057	016	211121J010	024	SST	110	1859	204,49	1765	194,15	194,05	193,99
SIH-CP-07	3131100P057	022	211121J010	026	SST	110	1859	204,49	1765	194,15	193,31	193,34
SIH-CP-07	3131100P057	005	211121J010	027	SST	110	1859	204,49	1765	194,15	195,73	196,00
SIH-CP-07	3131100P057	025	211121J010	028	SST	110	1859	204,49	1765	194,15	193,27	193,38
SIH-CP-07	3131100P058	013	211121J010	032	SST	110	1882	207,02	1795	197,45	194,41	194,52
SIH-CP-07	3131100P057	015	211121J010	033	SST	110	1859	204,49	1765	194,15	195,93	195,96
SIH-CP-07	3131100P057	034	211121J010	034	SST	110	1859	204,49	1765	194,15	196,13	196,19
SIH-CP-07	3131100P057	036	211121J010	035	SST	110	1859	204,49	1765	194,15	195,46	195,61
SIH-CP-07	3131100P058	006	211121J010	040	SST	110	1882	207,02	1795	197,45	198,56	198,59
SIH-CP-07	3131100P058	014	211121J010	041	BRASS	1,4	1882	2,6348	1795	2,513	2,42	2,52
SIH-CP-07	3131100P058	035	211121J010	042	SST	110	1882	207,02	1795	197,45	197,14	197,22
SIH-CP-07	3131100P058	031	211121J010	043	SST	110	1882	207,02	1795	197,45	195,93	196,07
SIH-CP-07	3131100P058	012	211121J010	044	SST	110	1882	207,02	1795	197,45	196,34	196,39
SIH-CP-07	3131100P057	035	211121J010	045	SST	110	1859	204,49	1765	194,15	196,03	195,98
SIH-CP-07	3131100P057	017	211121J010	046	SST	110	1859	204,49	1765	194,15	198,35	198,45
SIH-CP-07	3131100P057	018	211121J010	047	SST	110	1859	204,49	1765	194,15	196,94	196,96
SIH-CP-07	3131100P058	025	211121J010	051	SST	110	1882	207,02	1795	197,45	198,35	198,43
SIH-CP-07	3131100P058	007	211121J010	052	SST	110	1882	207,02	1795	197,45	197,61	197,71
SIH-CP-07	3131100P058	015	211121J010	053	BRASS	1,4	1882	2,6348	1795	2,513	2,42	2,57
SIH-CP-07	3131100P058	016	211121J010	054	SST	110	1882	207,02	1795	197,45	197,71	197,80
SIH-CP-07	3131100P058	030	211121J010	055	SST	110	1882	207,02	1795	197,45	195,82	195,94
SIH-CP-07	3131100P058	027	211121J010	056	SST	110	1882	207,02	1795	197,45	198,29	198,39
SIH-CP-07	3131100P057	019	211121J010	057	SST	110	1859	204,49	1765	194,15	197,91	197,98
SIH-CP-07	3131100P057	037	211121J010	058	SST	110	1859	204,49	1765	194,15	195,53	195,66
SIH-CP-07	3131100P058	034	211121J010	065	SST	110	1882	207,02	1795	197,45	194,38	194,47
SIH-CP-07	3131100P058	032	211121J010	066	SST	110	1882	207,02	1795	197,45	195,35	195,52

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-07	3131100P058	009	211121J010	067	SST	110	1882	207,02	1795	197,45	198,45	198,57
SIH-CP-07	3131100P058	026	211121J010	068	SST	110	1882	207,02	1795	197,45	195,80	195,86
SIH-CP-07	3131100P056	037	211121J010	069	SST	110	1844	202,84	1750	192,5	193,80	193,75
SIH-CP-07	3131100P058	033	211121J010	077	SST	110	1882	207,02	1795	197,45	198,58	198,64
SIH-CP-07	3131100P058	010	211121J010	078	SST	110	1882	207,02	1795	197,45	197,30	197,34
SIH-CP-07	3131100P058	008	211121J010	079	SST	110	1882	207,02	1795	197,45	194,34	194,45
SIH-CP-07	3131100P056	016	211121J010	080	SST	110	1844	202,84	1750	192,5	194,52	194,56
SIH-CP-07	3131100P056	019	211121J010	081	SST	110	1844	202,84	1750	192,5	192,97	192,95
SIH-CP-07	3131100P058	020	211121J010	084	SST	110	1882	207,02	1795	197,45	197,95	198,08
SIH-CP-07	3131100P058	021	211121J010	085	SST	110	1882	207,02	1795	197,45	197,75	197,84
SIH-CP-07	3131100P058	022	211121J010	086	SST	110	1882	207,02	1795	197,45	197,28	197,40
SIH-CP-07	3131100P058	023	211121J010	087	SST	110	1882	207,02	1795	197,45	195,06	194,99
SIH-CP-07	3131100P058	024	211121J010	088	SST	110	1882	207,02	1795	197,45	198,02	197,99
SIH-CP-07	3131100P058	011	211121J010	089	SST	110	1882	207,02	1795	197,45	198,49	198,55
SIH-CP-07	3131100P058	028	211121J010	090	SST	110	1882	207,02	1795	197,45	198,58	198,64
SIH-CP-07	3131100P056	034	211121J010	091	SST	110	1844	202,84	1750	192,5	194,21	194,16
SIH-CP-07	3131100P056	036	211121J010	092	SST	110	1844	202,84	1750	192,5	194,61	194,51
SIH-CP-07	3131100P056	018	211121J010	093	SST	110	1844	202,84	1750	192,5	192,16	192,10
SIH-CP-07	3131100P058	001	211121J010	096	SST	110	1882	207,02	1795	197,45	197,30	197,62
SIH-CP-07	3131100P058	002	211121J010	097	SST	110	1882	207,02	1795	197,45	198,83	198,93
SIH-CP-07	3131100P058	003	211121J010	098	SST	110	1882	207,02	1795	197,45	194,85	194,86
SIH-CP-07	3131100P058	004	211121J010	099	SST	110	1882	207,02	1795	197,45	198,38	198,38
SIH-CP-07	3131100P058	005	211121J010	100	SST	110	1882	207,02	1795	197,45	197,82	197,88
SIH-CP-07	3131100P058	029	211121J010	101	SST	110	1882	207,02	1795	197,45	197,01	197,03
SIH-CP-07	3131100P056	014	211121J010	102	SST	110	1844	202,84	1750	192,5	194,05	194,12
SIH-CP-07	3131100P056	015	211121J010	103	SST	110	1844	202,84	1750	192,5	196,83	196,89
SIH-CP-07	3131100P056	017	211121J010	104	SST	110	1844	202,84	1750	192,5	193,91	193,93
SIH-CP-07	3131100P056	022	211121J010	105	SST	110	1844	202,84	1750	192,5	191,96	192,02
SIH-CP-07	3131100P056	023	211121J010	106	SST	110	1844	202,84	1750	192,5	192,16	192,19
SIH-CP-07	3131100P056	005	211121J010	107	SST	110	1844	202,84	1750	192,5	191,36	191,47
SIH-CP-07	3131100P056	026	211121J010	108	SST	110	1844	202,84	1750	192,5	191,83	191,85
SIH-CP-07	3131100P056	008	211121J010	109	SST	110	1844	202,84	1750	192,5	193,24	193,35
SIH-CP-07	3131100P056	010	211121J010	110	SST	110	1844	202,84	1750	192,5	193,80	193,83
SIH-CP-07	3131100P056	032	211121J010	112	SST	110	1844	202,84	1750	192,5	193,58	193,59

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-07	3131100P056	033		211121J010	113	SST		110	1844	202,84	1750	192,5	194,18	194,17
SIH-CP-07	3131100P056	035		211121J010	114	SST		110	1844	202,84	1750	192,5	194,25	194,26
SIH-CP-07	3131100P056	004		211121J010	115	SST		110	1844	202,84	1750	192,5	191,92	191,93
SIH-CP-07	3131100P056	025		211121J010	116	SST		110	1844	202,84	1750	192,5	191,99	191,93
SIH-CP-07	3131100P056	007		211121J010	117	SST		110	1844	202,84	1750	192,5	193,87	194,10
SIH-CP-07	3131100P056	028		211121J010	118	SST		110	1844	202,84	1750	192,5	194,21	194,21
SIH-CP-07	3131100P056	029		211121J010	119	SST		110	1844	202,84	1750	192,5	194,45	194,45
SIH-CP-07	3131100P056	012		211121J010	120	SST		110	1844	202,84	1750	192,5	196,36	196,35
SIH-CP-07	3131100P056	013		211121J010	121	SST		110	1844	202,84	1750	192,5	196,40	196,39
SIH-CP-07	3131100P056	024		211121J010	122	SST		110	1844	202,84	1750	192,5	192,19	192,18
SIH-CP-07	3131100P056	006		211121J010	123	SST		110	1844	202,84	1750	192,5	190,35	190,40
SIH-CP-07	3131100P056	027		211121J010	124	SST		110	1844	202,84	1750	192,5	192,26	192,26
SIH-CP-07	3131100P056	009		211121J010	125	SST		110	1844	202,84	1750	192,5	194,59	194,61
SIH-CP-07	3131100P056	011		211121J010	126	SST		110	1844	202,84	1750	192,5	191,49	191,67
SIH-CP-07	3131100P056	030		211121J010	127	SST		110	1844	202,84	1750	192,5	196,56	196,54
SIH-CP-07	3131100P056	031		211121J010	128	SST		110	1844	202,84	1750	192,5	194,48	194,61
SIH-CP-08	3131100P060	006		211121J011	001	SST		110	1650	181,5	1550	170,5	170,99	170,92
SIH-CP-08	3131100P060	008		211121J011	002	SST		110	1650	181,5	1550	170,5	171,06	171,00
SIH-CP-08	3131100P060	028		211121J011	003	SST		110	1650	181,5	1550	170,5	171,06	170,99
SIH-CP-08	3131100P060	010		211121J011	004	SST		110	1650	181,5	1550	170,5	173,14	173,12
SIH-CP-08	3131100P060	012		211121J011	005	SST		110	1650	181,5	1550	170,5	172,11	172,04
SIH-CP-08	3131100P060	030		211121J011	006	SST		110	1650	181,5	1550	170,5	174,06	173,91
SIH-CP-08	3131100P060	013		211121J011	007	SST		110	1650	181,5	1550	170,5	172,04	171,95
SIH-CP-08	3131100P060	024		211121J011	008	SST		110	1650	181,5	1550	170,5	170,65	170,53
SIH-CP-08	3131100P060	026		211121J011	009	SST		110	1650	181,5	1550	170,5	170,72	170,62
SIH-CP-08	3131100P060	009		211121J011	010	SST		110	1650	181,5	1550	170,5	170,99	170,93
SIH-CP-08	3131100P060	029		211121J011	011	SST		110	1650	181,5	1550	170,5	170,50	170,38
SIH-CP-08	3131100P060	031		211121J011	013	SST		110	1650	181,5	1550	170,5	172,18	172,00
SIH-CP-08	3131100P060	032		211121J011	014	SST		110	1650	181,5	1550	170,5	174,09	173,93
SIH-CP-08	3131100P060	004		211121J011	015	SST		110	1650	181,5	1550	170,5	172,65	172,56
SIH-CP-08	3131100P060	023		211121J011	016	SST		110	1650	181,5	1550	170,5	172,25	172,12
SIH-CP-08	3131100P060	007		211121J011	017	SST		110	1650	181,5	1550	170,5	172,27	172,47
SIH-CP-08	3131100P060	027		211121J011	018	SST		110	1650	181,5	1550	170,5	169,09	169,00

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-08	3131100P060	011	211121J011	019	SST	110	1650	181,5	1550	170,5	171,91	171,73
SIH-CP-08	3131100P060	033	211121J011	022	SST	110	1650	181,5	1550	170,5	172,47	172,39
SIH-CP-08	3131100P060	014	211121J011	023	SST	110	1650	181,5	1550	170,5	173,79	173,63
SIH-CP-08	3131100P060	016	211121J011	024	SST	110	1650	181,5	1550	170,5	171,93	171,76
SIH-CP-08	3131100P060	022	211121J011	026	SST	110	1650	181,5	1550	170,5	170,45	170,40
SIH-CP-08	3131100P060	005	211121J011	027	SST	110	1650	181,5	1550	170,5	172,81	172,70
SIH-CP-08	3131100P060	025	211121J011	028	SST	110	1650	181,5	1550	170,5	170,72	170,58
SIH-CP-08	3131100P061	013	211121J011	032	SST	110	1633	179,63	1570	172,7	175,16	175,03
SIH-CP-08	3131100P060	015	211121J011	033	SST	110	1650	181,5	1550	170,5	171,64	171,68
SIH-CP-08	3131100P060	034	211121J011	034	SST	110	1650	181,5	1550	170,5	174,35	174,24
SIH-CP-08	3131100P060	036	211121J011	035	SST	110	1650	181,5	1550	170,5	170,83	170,66
SIH-CP-08	3131100P061	006	211121J011	040	SST	110	1633	179,63	1570	172,7	173,25	173,08
SIH-CP-08	3131100P061	014	211121J011	041	BRASS	1,4	1633	2,2862	1570	2,198	2,15	2,22
SIH-CP-08	3131100P061	035	211121J011	042	SST	110	1633	179,63	1570	172,7	174,13	174,00
SIH-CP-08	3131100P061	031	211121J011	043	SST	110	1633	179,63	1570	172,7	173,19	173,01
SIH-CP-08	3131100P061	012	211121J011	044	SST	110	1633	179,63	1570	172,7	175,00	174,88
SIH-CP-08	3131100P060	035	211121J011	045	SST	110	1650	181,5	1550	170,5	173,41	173,16
SIH-CP-08	3131100P060	017	211121J011	046	SST	110	1650	181,5	1550	170,5	171,91	172,02
SIH-CP-08	3131100P060	018	211121J011	047	SST	110	1650	181,5	1550	170,5	172,27	172,11
SIH-CP-08	3131100P061	025	211121J011	051	SST	110	1633	179,63	1570	172,7	173,46	173,30
SIH-CP-08	3131100P061	007	211121J011	052	SST	110	1633	179,63	1570	172,7	172,99	172,90
SIH-CP-08	3131100P061	015	211121J011	053	BRASS	1,4	1633	2,2862	1570	2,198	2,08	2,25
SIH-CP-08	3131100P061	016	211121J011	054	SST	110	1633	179,63	1570	172,7	175,14	175,00
SIH-CP-08	3131100P061	030	211121J011	055	SST	110	1633	179,63	1570	172,7	173,46	173,28
SIH-CP-08	3131100P061	027	211121J011	056	SST	110	1633	179,63	1570	172,7	174,96	174,73
SIH-CP-08	3131100P060	019	211121J011	057	SST	110	1650	181,5	1550	170,5	174,60	174,47
SIH-CP-08	3131100P060	037	211121J011	058	SST	110	1650	181,5	1550	170,5	172,13	172,27
SIH-CP-08	3131100P061	034	211121J011	065	SST	110	1633	179,63	1570	172,7	173,39	173,48
SIH-CP-08	3131100P061	032	211121J011	066	SST	110	1633	179,63	1570	172,7	172,85	172,71
SIH-CP-08	3131100P061	009	211121J011	067	SST	110	1633	179,63	1570	172,7	171,64	171,49
SIH-CP-08	3131100P061	026	211121J011	068	SST	110	1633	179,63	1570	172,7	171,91	171,72
SIH-CP-08	3131100P059	037	211121J011	069	SST	110	1674	184,14	1520	167,2	170,79	170,70
SIH-CP-08	3131100P061	033	211121J011	077	SST	110	1633	179,63	1570	172,7	171,87	171,71
SIH-CP-08	3131100P061	010	211121J011	078	SST	110	1633	179,63	1570	172,7	173,79	173,71

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-08	3131100P061	008	211121J011	079	SST	110	1633	179,63	1570	172,7	172,45	172,30
SIH-CP-08	3131100P059	016	211121J011	080	SST	110	1674	184,14	1520	167,2	168,50	168,49
SIH-CP-08	3131100P059	019	211121J011	081	SST	110	1674	184,14	1520	167,2	169,02	168,92
SIH-CP-08	3131100P061	020	211121J011	084	SST	110	1633	179,63	1570	172,7	173,46	173,30
SIH-CP-08	3131100P061	021	211121J011	085	SST	110	1633	179,63	1570	172,7	174,56	174,44
SIH-CP-08	3131100P061	022	211121J011	086	SST	110	1633	179,63	1570	172,7	173,14	173,04
SIH-CP-08	3131100P061	023	211121J011	087	SST	110	1633	179,63	1570	172,7	173,73	173,59
SIH-CP-08	3131100P061	024	211121J011	088	SST	110	1633	179,63	1570	172,7	171,17	171,01
SIH-CP-08	3131100P061	011	211121J011	089	SST	110	1633	179,63	1570	172,7	175,34	175,11
SIH-CP-08	3131100P061	028	211121J011	090	SST	110	1633	179,63	1570	172,7	173,99	173,78
SIH-CP-08	3131100P059	034	211121J011	091	SST	110	1674	184,14	1520	167,2	170,92	170,89
SIH-CP-08	3131100P059	036	211121J011	092	SST	110	1674	184,14	1520	167,2	170,92	170,84
SIH-CP-08	3131100P059	018	211121J011	093	SST	110	1674	184,14	1520	167,2	170,50	170,39
SIH-CP-08	3131100P061	001	211121J011	096	SST	110	1633	179,63	1570	172,7	173,46	173,36
SIH-CP-08	3131100P061	002	211121J011	097	SST	110	1633	179,63	1570	172,7	173,82	173,69
SIH-CP-08	3131100P061	003	211121J011	098	SST	110	1633	179,63	1570	172,7	171,24	171,18
SIH-CP-08	3131100P061	004	211121J011	099	SST	110	1633	179,63	1570	172,7	173,75	173,62
SIH-CP-08	3131100P061	005	211121J011	100	SST	110	1633	179,63	1570	172,7	173,32	173,17
SIH-CP-08	3131100P061	029	211121J011	101	SST	110	1633	179,63	1570	172,7	172,85	172,66
SIH-CP-08	3131100P059	014	211121J011	102	SST	110	1674	184,14	1520	167,2	168,97	168,92
SIH-CP-08	3131100P059	015	211121J011	103	SST	110	1674	184,14	1520	167,2	168,97	168,92
SIH-CP-08	3131100P059	017	211121J011	104	SST	110	1674	184,14	1520	167,2	168,95	168,91
SIH-CP-08	3131100P059	022	211121J011	105	SST	110	1674	184,14	1520	167,2	167,14	167,10
SIH-CP-08	3131100P059	023	211121J011	106	SST	110	1674	184,14	1520	167,2	168,48	168,42
SIH-CP-08	3131100P059	005	211121J011	107	SST	110	1674	184,14	1520	167,2	167,34	167,29
SIH-CP-08	3131100P059	026	211121J011	108	SST	110	1674	184,14	1520	167,2	168,91	169,01
SIH-CP-08	3131100P059	008	211121J011	109	SST	110	1674	184,14	1520	167,2	169,42	169,34
SIH-CP-08	3131100P059	010	211121J011	110	SST	110	1674	184,14	1520	167,2	166,13	166,06
SIH-CP-08	3131100P059	032	211121J011	112	SST	110	1674	184,14	1520	167,2	168,35	168,21
SIH-CP-08	3131100P059	033	211121J011	113	SST	110	1674	184,14	1520	167,2	170,99	170,88
SIH-CP-08	3131100P059	035	211121J011	114	SST	110	1674	184,14	1520	167,2	167,34	167,23
SIH-CP-08	3131100P059	004	211121J011	115	SST	110	1674	184,14	1520	167,2	169,51	169,45
SIH-CP-08	3131100P059	025	211121J011	116	SST	110	1674	184,14	1520	167,2	170,09	169,98
SIH-CP-08	3131100P059	007	211121J011	117	SST	110	1674	184,14	1520	167,2	167,67	167,56

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-08	3131100P059	028	211121J011	118	SST	110	1674	184,14	1520	167,2	168,03	167,87		
SIH-CP-08	3131100P059	029	211121J011	119	SST	110	1674	184,14	1520	167,2	167,83	167,65		
SIH-CP-08	3131100P059	012	211121J011	120	SST	110	1674	184,14	1520	167,2	168,70	168,52		
SIH-CP-08	3131100P059	013	211121J011	121	SST	110	1674	184,14	1520	167,2	168,68	168,53		
SIH-CP-08	3131100P059	024	211121J011	122	SST	110	1674	184,14	1520	167,2	167,54	167,44		
SIH-CP-08	3131100P059	006	211121J011	123	SST	110	1674	184,14	1520	167,2	167,47	167,36		
SIH-CP-08	3131100P059	027	211121J011	124	SST	110	1674	184,14	1520	167,2	167,23	167,05		
SIH-CP-08	3131100P059	009	211121J011	125	SST	110	1674	184,14	1520	167,2	167,76	167,58		
SIH-CP-08	3131100P059	011	211121J011	126	SST	110	1674	184,14	1520	167,2	169,49	169,45		
SIH-CP-08	3131100P059	030	211121J011	127	SST	110	1674	184,14	1520	167,2	168,95	168,79		
SIH-CP-08	3131100P059	031	211121J011	128	SST	110	1674	184,14	1520	167,2	169,65	169,50		
SIH-CP-09	3131100P063	006	211121J012	001	SST	110	1550	170,5	1410	155,1	156,69	156,77		
SIH-CP-09	3131100P063	025	211121J012	002	SST	110	1550	170,5	1410	155,1	156,49	156,68		
SIH-CP-09	3131100P063	007	211121J012	003	SST	110	1550	170,5	1410	155,1	156,40	156,54		
SIH-CP-09	3131100P063	014	211121J012	005	BRASS	1,4	1550	2,17	1410	1,974	1,88	2,06		
SIH-CP-09	3131100P063	015	211121J012	006	BRASS	1,4	1550	2,17	1410	1,974	1,88	2,00		
SIH-CP-09	3131100P063	001	211121J012	008	SST	110	1550	170,5	1410	155,1	156,33	156,49		
SIH-CP-09	3131100P063	020	211121J012	009	SST	110	1550	170,5	1410	155,1	156,00	156,12		
SIH-CP-09	3131100P063	002	211121J012	010	SST	110	1550	170,5	1410	155,1	156,53	156,68		
SIH-CP-09	3131100P063	021	211121J012	011	SST	110	1550	170,5	1410	155,1	154,32	154,41		
SIH-CP-09	3131100P063	026	211121J012	012	SST	110	1550	170,5	1410	155,1	157,41	157,52		
SIH-CP-09	3131100P063	008	211121J012	013	SST	110	1550	170,5	1410	155,1	154,25	154,33		
SIH-CP-09	3131100P063	027	211121J012	014	SST	110	1550	170,5	1410	155,1	156,60	156,68		
SIH-CP-09	3131100P063	009	211121J012	015	SST	110	1550	170,5	1410	155,1	156,35	156,45		
SIH-CP-09	3131100P063	003	211121J012	017	SST	110	1550	170,5	1410	155,1	156,20	156,61		
SIH-CP-09	3131100P063	022	211121J012	018	SST	110	1550	170,5	1410	155,1	155,73	155,92		
SIH-CP-09	3131100P063	004	211121J012	019	SST	110	1550	170,5	1410	155,1	156,53	156,79		
SIH-CP-09	3131100P063	023	211121J012	020	SST	110	1550	170,5	1410	155,1	157,03	157,21		
SIH-CP-09	3131100P063	028	211121J012	021	SST	110	1550	170,5	1410	155,1	157,68	157,72		
SIH-CP-09	3131100P063	010	211121J012	022	SST	110	1550	170,5	1410	155,1	157,61	157,77		
SIH-CP-09	3131100P063	029	211121J012	023	SST	110	1550	170,5	1410	155,1	154,45	154,40		
SIH-CP-09	3131100P063	011	211121J012	024	SST	110	1550	170,5	1410	155,1	155,73	155,82		
SIH-CP-09	3131100P063	005	211121J012	029	SST	110	1550	170,5	1410	155,1	156,47	156,69		

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-09	3131100P063	024	211121J012	030	SST	110	1550	170,5	1410	155,1	154,18	154,29
SIH-CP-09	3131100P063	030	211121J012	031	SST	110	1550	170,5	1410	155,1	154,99	155,02
SIH-CP-09	3131100P063	012	211121J012	032	SST	110	1550	170,5	1410	155,1	154,27	154,34
SIH-CP-09	3131100P063	031	211121J012	033	SST	110	1550	170,5	1410	155,1	157,34	157,39
SIH-CP-09	3131100P063	013	211121J012	034	SST	110	1550	170,5	1410	155,1	156,38	156,48
SIH-CP-09	3131100P063	035	211121J012	041	SST	110	1550	170,5	1410	155,1	156,20	156,26
SIH-CP-09	3131100P063	032	211121J012	042	SST	110	1550	170,5	1410	155,1	156,38	156,51
SIH-CP-09	3131100P063	033	211121J012	043	SST	110	1550	170,5	1410	155,1	155,66	155,70
SIH-CP-09	3131100P063	034	211121J012	044	SST	110	1550	170,5	1410	155,1	155,46	155,54
SIH-CP-09	3131100P063	016	211121J012	045	SST	110	1550	170,5	1410	155,1	157,41	157,42
SIH-CP-09	3131100P062	008	211121J012	059	SST	110	1565	172,15	1440	158,4	158,01	158,18
SIH-CP-09	3131100P062	009	211121J012	060	SST	110	1565	172,15	1440	158,4	160,30	160,45
SIH-CP-09	3131100P062	010	211121J012	061	SST	110	1565	172,15	1440	158,4	161,17	161,27
SIH-CP-09	3131100P062	011	211121J012	062	SST	110	1565	172,15	1440	158,4	158,96	159,05
SIH-CP-09	3131100P062	016	211121J012	063	SST	110	1565	172,15	1440	158,4	160,30	160,36
SIH-CP-09	3131100P062	017	211121J012	064	SST	110	1565	172,15	1440	158,4	162,12	162,13
SIH-CP-09	3131100P062	018	211121J012	065	SST	110	1565	172,15	1440	158,4	158,69	158,71
SIH-CP-09	3131100P062	019	211121J012	066	SST	110	1565	172,15	1440	158,4	162,32	162,40
SIH-CP-09	3131100P062	026	211121J012	069	SST	110	1565	172,15	1440	158,4	158,75	159,06
SIH-CP-09	3131100P062	027	211121J012	070	SST	110	1565	172,15	1440	158,4	158,48	158,63
SIH-CP-09	3131100P062	028	211121J012	071	SST	110	1565	172,15	1440	158,4	159,02	159,10
SIH-CP-09	3131100P062	029	211121J012	072	SST	110	1565	172,15	1440	158,4	159,81	159,84
SIH-CP-09	3131100P062	034	211121J012	073	SST	110	1565	172,15	1440	158,4	159,69	159,80
SIH-CP-09	3131100P062	035	211121J012	074	SST	110	1565	172,15	1440	158,4	160,37	160,38
SIH-CP-09	3131100P062	036	211121J012	075	SST	110	1565	172,15	1440	158,4	160,43	160,44
SIH-CP-09	3131100P062	037	211121J012	076	SST	110	1565	172,15	1440	158,4	160,14	160,26
SIH-CP-09	3131100P062	004	211121J012	078	SST	110	1565	172,15	1440	158,4	160,97	161,03
SIH-CP-09	3131100P062	005	211121J012	079	SST	110	1565	172,15	1440	158,4	159,16	159,32
SIH-CP-09	3131100P062	006	211121J012	080	SST	110	1565	172,15	1440	158,4	160,77	160,88
SIH-CP-09	3131100P062	007	211121J012	081	SST	110	1565	172,15	1440	158,4	157,81	157,81
SIH-CP-09	3131100P062	012	211121J012	082	SST	110	1565	172,15	1440	158,4	160,01	160,12
SIH-CP-09	3131100P062	013	211121J012	083	SST	110	1565	172,15	1440	158,4	159,94	160,00
SIH-CP-09	3131100P062	014	211121J012	084	SST	110	1565	172,15	1440	158,4	162,18	162,21
SIH-CP-09	3131100P062	015	211121J012	085	SST	110	1565	172,15	1440	158,4	160,84	160,90

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-09	3131100P062	022		211121J012	086		SST	110	1565	172,15	1440	158,4	159,27	159,41
SIH-CP-09	3131100P062	023		211121J012	087		SST	110	1565	172,15	1440	158,4	158,42	158,68
SIH-CP-09	3131100P062	024		211121J012	088		SST	110	1565	172,15	1440	158,4	160,97	161,03
SIH-CP-09	3131100P062	025		211121J012	089		SST	110	1565	172,15	1440	158,4	159,34	159,30
SIH-CP-09	3131100P062	030		211121J012	090		SST	110	1565	172,15	1440	158,4	160,17	160,19
SIH-CP-09	3131100P062	031		211121J012	091		SST	110	1565	172,15	1440	158,4	161,98	162,07
SIH-CP-09	3131100P062	032		211121J012	092		SST	110	1565	172,15	1440	158,4	161,85	161,89
SIH-CP-09	3131100P062	033		211121J012	093		SST	110	1565	172,15	1440	158,4	160,10	160,13
SIH-CP-10	3131100P065	006		211121J013	001		SST	110	1478	162,58	1365	150,15	150,03	150,12
SIH-CP-10	3131100P065	025		211121J013	002		SST	110	1478	162,58	1365	150,15	149,81	149,94
SIH-CP-10	3131100P065	007		211121J013	003		SST	110	1478	162,58	1365	150,15	150,15	150,31
SIH-CP-10	3131100P065	014		211121J013	005		BRASS	1,4	1478	2,0692	1365	1,911	1,82	1,98
SIH-CP-10	3131100P065	015		211121J013	006		BRASS	1,4	1478	2,0692	1365	1,911	1,82	1,94
SIH-CP-10	3131100P065	001		211121J013	008		SST	110	1478	162,58	1365	150,15	150,55	150,64
SIH-CP-10	3131100P065	020		211121J013	009		SST	110	1478	162,58	1365	150,15	150,89	151,02
SIH-CP-10	3131100P065	002		211121J013	010		SST	110	1478	162,58	1365	150,15	150,48	150,61
SIH-CP-10	3131100P065	021		211121J013	011		SST	110	1478	162,58	1365	150,15	151,22	151,39
SIH-CP-10	3131100P065	026		211121J013	012		SST	110	1478	162,58	1365	150,15	152,63	152,74
SIH-CP-10	3131100P065	008		211121J013	013		SST	110	1478	162,58	1365	150,15	151,49	151,62
SIH-CP-10	3131100P065	027		211121J013	014		SST	110	1478	162,58	1365	150,15	152,63	152,69
SIH-CP-10	3131100P065	009		211121J013	015		SST	110	1478	162,58	1365	150,15	151,76	151,88
SIH-CP-10	3131100P065	003		211121J013	017		SST	110	1478	162,58	1365	150,15	148,94	149,14
SIH-CP-10	3131100P065	022		211121J013	018		SST	110	1478	162,58	1365	150,15	148,87	149,03
SIH-CP-10	3131100P065	004		211121J013	019		SST	110	1478	162,58	1365	150,15	150,60	150,73
SIH-CP-10	3131100P065	023		211121J013	020		SST	110	1478	162,58	1365	150,15	151,02	151,12
SIH-CP-10	3131100P065	028		211121J013	021		SST	110	1478	162,58	1365	150,15	152,79	152,89
SIH-CP-10	3131100P065	010		211121J013	022		SST	110	1478	162,58	1365	150,15	151,02	151,21
SIH-CP-10	3131100P065	029		211121J013	023		SST	110	1478	162,58	1365	150,15	149,68	149,80
SIH-CP-10	3131100P065	011		211121J013	024		SST	110	1478	162,58	1365	150,15	152,84	152,90
SIH-CP-10	3131100P065	005		211121J013	029		SST	110	1478	162,58	1365	150,15	151,56	151,67
SIH-CP-10	3131100P065	024		211121J013	030		SST	110	1478	162,58	1365	150,15	151,09	151,20
SIH-CP-10	3131100P065	030		211121J013	031		SST	110	1478	162,58	1365	150,15	152,77	152,87
SIH-CP-10	3131100P065	012		211121J013	032		SST	110	1478	162,58	1365	150,15	151,16	151,27

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-10	3131100P065	031	211121J013	033	SST	110	1478	162,58	1365	150,15	149,68	149,85
SIH-CP-10	3131100P065	013	211121J013	034	SST	110	1478	162,58	1365	150,15	151,42	151,54
SIH-CP-10	3131100P065	035	211121J013	041	SST	110	1478	162,58	1365	150,15	152,03	152,16
SIH-CP-10	3131100P065	032	211121J013	042	SST	110	1478	162,58	1365	150,15	151,76	151,83
SIH-CP-10	3131100P065	033	211121J013	043	SST	110	1478	162,58	1365	150,15	150,48	150,64
SIH-CP-10	3131100P065	034	211121J013	044	SST	110	1478	162,58	1365	150,15	152,61	152,78
SIH-CP-10	3131100P065	016	211121J013	045	SST	110	1478	162,58	1365	150,15	150,01	150,11
SIH-CP-10	3131100P064	008	211121J013	059	SST	110	1454	159,94	1320	145,2	147,59	147,71
SIH-CP-10	3131100P064	009	211121J013	060	SST	110	1454	159,94	1320	145,2	144,83	145,03
SIH-CP-10	3131100P064	010	211121J013	061	SST	110	1454	159,94	1320	145,2	145,98	146,13
SIH-CP-10	3131100P064	011	211121J013	062	SST	110	1454	159,94	1320	145,2	145,51	145,61
SIH-CP-10	3131100P064	016	211121J013	063	SST	110	1454	159,94	1320	145,2	148,47	148,59
SIH-CP-10	3131100P064	017	211121J013	064	SST	110	1454	159,94	1320	145,2	146,85	146,92
SIH-CP-10	3131100P064	018	211121J013	065	SST	110	1454	159,94	1320	145,2	146,38	146,40
SIH-CP-10	3131100P064	019	211121J013	066	SST	110	1454	159,94	1320	145,2	147,26	147,35
SIH-CP-10	3131100P064	026	211121J013	069	SST	110	1454	159,94	1320	145,2	145,71	145,73
SIH-CP-10	3131100P064	027	211121J013	070	SST	110	1454	159,94	1320	145,2	144,97	145,30
SIH-CP-10	3131100P064	028	211121J013	071	SST	110	1454	159,94	1320	145,2	144,90	144,95
SIH-CP-10	3131100P064	029	211121J013	072	SST	110	1454	159,94	1320	145,2	144,03	144,03
SIH-CP-10	3131100P064	034	211121J013	073	SST	110	1454	159,94	1320	145,2	148,33	148,35
SIH-CP-10	3131100P064	035	211121J013	074	SST	110	1454	159,94	1320	145,2	148,38	148,44
SIH-CP-10	3131100P064	036	211121J013	075	SST	110	1454	159,94	1320	145,2	146,74	146,83
SIH-CP-10	3131100P064	037	211121J013	076	SST	110	1454	159,94	1320	145,2	146,56	146,61
SIH-CP-10	3131100P064	004	211121J013	078	SST	110	1454	159,94	1320	145,2	145,37	145,46
SIH-CP-10	3131100P064	005	211121J013	079	SST	110	1454	159,94	1320	145,2	146,99	147,16
SIH-CP-10	3131100P064	006	211121J013	080	SST	110	1454	159,94	1320	145,2	146,99	147,04
SIH-CP-10	3131100P064	007	211121J013	081	SST	110	1454	159,94	1320	145,2	144,90	144,93
SIH-CP-10	3131100P064	012	211121J013	082	SST	110	1454	159,94	1320	145,2	148,33	148,37
SIH-CP-10	3131100P064	013	211121J013	083	SST	110	1454	159,94	1320	145,2	148,53	148,66
SIH-CP-10	3131100P064	014	211121J013	084	SST	110	1454	159,94	1320	145,2	145,22	145,30
SIH-CP-10	3131100P064	015	211121J013	085	SST	110	1454	159,94	1320	145,2	146,31	146,34
SIH-CP-10	3131100P064	022	211121J013	086	SST	110	1454	159,94	1320	145,2	145,64	145,75
SIH-CP-10	3131100P064	023	211121J013	087	SST	110	1454	159,94	1320	145,2	145,37	145,45
SIH-CP-10	3131100P064	024	211121J013	088	SST	110	1454	159,94	1320	145,2	147,32	147,30

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-10	3131100P064	025		211121J013	089		SST	110	1454	159,94	1320	145,2	147,12	147,13
SIH-CP-10	3131100P064	030		211121J013	090		SST	110	1454	159,94	1320	145,2	146,23	146,26
SIH-CP-10	3131100P064	031		211121J013	091		SST	110	1454	159,94	1320	145,2	146,90	146,92
SIH-CP-10	3131100P064	032		211121J013	092		SST	110	1454	159,94	1320	145,2	146,92	147,04
SIH-CP-10	3131100P064	033		211121J013	093		SST	110	1454	159,94	1320	145,2	146,72	146,81
SIH-CP-11	3131100P066	006		211121J014	004		SST	110	1412	155,32	1275	140,25	142,08	142,25
SIH-CP-11	3131100P066	007		211121J014	005		SST	110	1412	155,32	1275	140,25	142,03	142,19
SIH-CP-11	3131100P066	025		211121J014	006		SST	110	1412	155,32	1275	140,25	142,28	142,46
SIH-CP-11	3131100P066	026		211121J014	007		SST	110	1412	155,32	1275	140,25	142,41	142,89
SIH-CP-11	3131100P066	002		211121J014	010		SST	110	1412	155,32	1275	140,25	141,25	141,55
SIH-CP-11	3131100P066	021		211121J014	011		SST	110	1412	155,32	1275	140,25	141,41	141,64
SIH-CP-11	3131100P066	010		211121J014	014		BRASS	1,4	1412	1,9768	1275	1,785	1,82	1,88
SIH-CP-11	3131100P066	028		211121J014	015		BRASS	1,4	1412	1,9768	1275	1,785	1,75	1,83
SIH-CP-11	3131100P066	001		211121J014	018		SST	110	1412	155,32	1275	140,25	141,00	141,19
SIH-CP-11	3131100P066	020		211121J014	019		SST	110	1412	155,32	1275	140,25	141,67	141,84
SIH-CP-11	3131100P066	005		211121J014	020		SST	110	1412	155,32	1275	140,25	142,28	142,46
SIH-CP-11	3131100P066	023		211121J014	021		SST	110	1412	155,32	1275	140,25	141,41	141,58
SIH-CP-11	3131100P066	009		211121J014	023		BRASS	1,4	1412	1,9768	1275	1,785	1,75	1,86
SIH-CP-11	3131100P066	027		211121J014	024		BRASS	1,4	1412	1,9768	1275	1,785	1,82	1,85
SIH-CP-11	3131100P066	004		211121J014	029		SST	110	1412	155,32	1275	140,25	141,81	142,09
SIH-CP-11	3131100P066	022		211121J014	030		SST	110	1412	155,32	1275	140,25	141,54	141,80
SIH-CP-11	3131100P068	002		211121J014	031		SST	110	1414	155,54	1290	141,9	143,22	143,43
SIH-CP-11	3131100P068	021		211121J014	032		SST	110	1414	155,54	1290	141,9	143,36	143,63
SIH-CP-11	3131100P068	012		211121J014	039		SST	110	1414	155,54	1290	141,9	141,52	141,70
SIH-CP-11	3131100P068	031		211121J014	040		SST	110	1414	155,54	1290	141,9	141,79	141,97
SIH-CP-11	3131100P068	001		211121J014	041		SST	110	1414	155,54	1290	141,9	142,68	142,93
SIH-CP-11	3131100P068	020		211121J014	042		SST	110	1414	155,54	1290	141,9	143,36	143,48
SIH-CP-11	3131100P068	011		211121J014	049		SST	110	1414	155,54	1290	141,9	141,83	141,96
SIH-CP-11	3131100P068	030		211121J014	050		SST	110	1414	155,54	1290	141,9	142,21	142,34
SIH-CP-11	3131100P068	036		211121J014	052		BRASS	1,4	1414	1,9796	1290	1,806	1,82	1,87
SIH-CP-11	3131100P068	037		211121J014	053		BRASS	1,4	1414	1,9796	1290	1,806	1,75	1,88
SIH-CP-11	3131100P068	018		211121J014	054		BRASS	1,4	1414	1,9796	1290	1,806	1,75	1,90
SIH-CP-11	3131100P068	019		211121J014	055		BRASS	1,4	1414	1,9796	1290	1,806	1,75	1,90

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-11	3131100P068	010		211121J014	060	SST		110	1414	155,54	1290	141,9	142,19	142,47
SIH-CP-11	3131100P068	028		211121J014	061	SST		110	1414	155,54	1290	141,9	142,75	142,97
SIH-CP-11	3131100P068	033		211121J014	063	BRASS		1,4	1414	1,9796	1290	1,806	1,82	1,85
SIH-CP-11	3131100P068	015		211121J014	064	BRASS		1,4	1414	1,9796	1290	1,806	1,75	1,83
SIH-CP-11	3131100P068	035		211121J014	065	BRASS		1,4	1414	1,9796	1290	1,806	1,75	1,82
SIH-CP-11	3131100P068	017		211121J014	066	BRASS		1,4	1414	1,9796	1290	1,806	1,75	1,83
SIH-CP-11	3131100P068	009		211121J014	070	SST		110	1414	155,54	1290	141,9	142,01	142,13
SIH-CP-11	3131100P068	027		211121J014	071	SST		110	1414	155,54	1290	141,9	142,35	142,55
SIH-CP-11	3131100P068	032		211121J014	073	BRASS		1,4	1414	1,9796	1290	1,806	1,82	1,86
SIH-CP-11	3131100P068	014		211121J014	074	BRASS		1,4	1414	1,9796	1290	1,806	1,75	1,82
SIH-CP-11	3131100P068	034		211121J014	075	BRASS		1,4	1414	1,9796	1290	1,806	1,75	1,83
SIH-CP-11	3131100P068	016		211121J014	076	BRASS		1,4	1414	1,9796	1290	1,806	1,75	1,87
SIH-CP-11	3131100P068	007		211121J014	080	SST		110	1414	155,54	1290	141,9	142,48	142,79
SIH-CP-11	3131100P068	026		211121J014	081	SST		110	1414	155,54	1290	141,9	142,16	142,39
SIH-CP-11	3131100P068	005		211121J014	082	SST		110	1414	155,54	1290	141,9	143,36	143,60
SIH-CP-11	3131100P068	023		211121J014	083	SST		110	1414	155,54	1290	141,9	142,82	143,00
SIH-CP-11	3131100P068	006		211121J014	088	SST		110	1414	155,54	1290	141,9	142,88	143,03
SIH-CP-11	3131100P068	025		211121J014	089	SST		110	1414	155,54	1290	141,9	142,35	142,52
SIH-CP-11	3131100P068	004		211121J014	090	SST		110	1414	155,54	1290	141,9	143,22	143,38
SIH-CP-11	3131100P068	022		211121J014	091	SST		110	1414	155,54	1290	141,9	143,09	143,24
SIH-CP-12	3131100P067	006		211121J015	004	SST		110	1409	154,99	1335	146,85	151,16	151,49
SIH-CP-12	3131100P067	007		211121J015	005	SST		110	1409	154,99	1335	146,85	151,27	151,70
SIH-CP-12	3131100P067	025		211121J015	006	SST		110	1409	154,99	1335	146,85	152,05	152,03
SIH-CP-12	3131100P067	026		211121J015	007	SST		110	1409	154,99	1335	146,85	152,50	152,47
SIH-CP-12	3131100P067	002		211121J015	010	SST		110	1409	154,99	1335	146,85	151,02	151,01
SIH-CP-12	3131100P067	021		211121J015	011	SST		110	1409	154,99	1335	146,85	150,28	150,30
SIH-CP-12	3131100P067	010		211121J015	014	BRASS		1,4	1409	1,9726	1335	1,869	1,88	1,99
SIH-CP-12	3131100P067	028		211121J015	015	BRASS		1,4	1409	1,9726	1335	1,869	1,88	1,95
SIH-CP-12	3131100P067	001		211121J015	018	SST		110	1409	154,99	1335	146,85	150,89	150,81
SIH-CP-12	3131100P067	020		211121J015	019	SST		110	1409	154,99	1335	146,85	150,48	150,42
SIH-CP-12	3131100P067	005		211121J015	020	SST		110	1409	154,99	1335	146,85	151,56	151,58
SIH-CP-12	3131100P067	023		211121J015	021	SST		110	1409	154,99	1335	146,85	151,09	151,10
SIH-CP-12	3131100P067	009		211121J015	023	BRASS		1,4	1409	1,9726	1335	1,869	1,88	2,00

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-12	3131100P067	027	211121J015	024	BRASS	1,4	1409	1,9726	1335	1,869	1,88	1,98
SIH-CP-12	3131100P067	004	211121J015	029	SST	110	1409	154,99	1335	146,85	151,27	151,38
SIH-CP-12	3131100P067	022	211121J015	030	SST	110	1409	154,99	1335	146,85	151,02	151,04
SIH-CP-12	3131100P069	002	211121J015	031	SST	110	1403	154,33	1370	150,7	152,55	152,67
SIH-CP-12	3131100P069	021	211121J015	032	SST	110	1403	154,33	1370	150,7	152,30	152,36
SIH-CP-12	3131100P069	012	211121J015	039	SST	110	1403	154,33	1370	150,7	152,14	152,57
SIH-CP-12	3131100P069	031	211121J015	040	SST	110	1403	154,33	1370	150,7	152,70	152,73
SIH-CP-12	3131100P069	001	211121J015	041	SST	110	1403	154,33	1370	150,7	152,03	152,15
SIH-CP-12	3131100P069	020	211121J015	042	SST	110	1403	154,33	1370	150,7	151,98	151,96
SIH-CP-12	3131100P069	011	211121J015	049	SST	110	1403	154,33	1370	150,7	152,16	152,20
SIH-CP-12	3131100P069	030	211121J015	050	SST	110	1403	154,33	1370	150,7	152,97	152,92
SIH-CP-12	3131100P069	036	211121J015	052	BRASS	1,4	1403	1,9642	1370	1,918	1,88	2,00
SIH-CP-12	3131100P069	037	211121J015	053	BRASS	1,4	1403	1,9642	1370	1,918	1,88	2,00
SIH-CP-12	3131100P069	018	211121J015	054	BRASS	1,4	1403	1,9642	1370	1,918	1,88	2,02
SIH-CP-12	3131100P069	019	211121J015	055	BRASS	1,4	1403	1,9642	1370	1,918	1,88	2,01
SIH-CP-12	3131100P069	010	211121J015	060	SST	110	1403	154,33	1370	150,7	151,61	151,73
SIH-CP-12	3131100P069	028	211121J015	061	SST	110	1403	154,33	1370	150,7	152,32	152,28
SIH-CP-12	3131100P069	033	211121J015	063	BRASS	1,4	1403	1,9642	1370	1,918	1,88	1,98
SIH-CP-12	3131100P069	015	211121J015	064	BRASS	1,4	1403	1,9642	1370	1,918	1,88	1,96
SIH-CP-12	3131100P069	035	211121J015	065	BRASS	1,4	1403	1,9642	1370	1,918	1,88	1,96
SIH-CP-12	3131100P069	017	211121J015	066	BRASS	1,4	1403	1,9642	1370	1,918	1,88	1,96
SIH-CP-12	3131100P069	009	211121J015	070	SST	110	1403	154,33	1370	150,7	151,69	151,64
SIH-CP-12	3131100P069	027	211121J015	071	SST	110	1403	154,33	1370	150,7	152,03	151,98
SIH-CP-12	3131100P069	032	211121J015	073	BRASS	1,4	1403	1,9642	1370	1,918	1,88	1,98
SIH-CP-12	3131100P069	014	211121J015	074	BRASS	1,4	1403	1,9642	1370	1,918	1,95	1,97
SIH-CP-12	3131100P069	034	211121J015	075	BRASS	1,4	1403	1,9642	1370	1,918	1,88	1,96
SIH-CP-12	3131100P069	016	211121J015	076	BRASS	1,4	1403	1,9642	1370	1,918	1,88	1,99
SIH-CP-12	3131100P069	007	211121J015	080	SST	110	1403	154,33	1370	150,7	151,74	151,79
SIH-CP-12	3131100P069	026	211121J015	081	SST	110	1403	154,33	1370	150,7	152,30	152,27
SIH-CP-12	3131100P069	005	211121J015	082	SST	110	1403	154,33	1370	150,7	153,24	153,27
SIH-CP-12	3131100P069	023	211121J015	083	SST	110	1403	154,33	1370	150,7	152,70	152,69
SIH-CP-12	3131100P069	006	211121J015	088	SST	110	1403	154,33	1370	150,7	151,76	151,92
SIH-CP-12	3131100P069	025	211121J015	089	SST	110	1403	154,33	1370	150,7	152,48	152,41
SIH-CP-12	3131100P069	004	211121J015	090	SST	110	1403	154,33	1370	150,7	152,68	153,06

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-12	3131100P069	022		211121J015	091	SST		110	1403	154,33	1370	150,7	152,77	152,81
SIH-CP-13	3131100P009	008		211121J007	001	SST		110	2469	271,59	2337	257,07	264,25	264,17
SIH-CP-13	3131100P009	009		211121J007	002	SST		110	2469	271,59	2337	257,07	264,66	264,62
SIH-CP-13	3131100P009	005		211121J007	003	SST		110	2469	271,59	2337	257,07	264,62	264,58
SIH-CP-13	3131100P003	013		211121J007	004	SST		110	2805	308,55	2800	308	311,30	311,12
SIH-CP-13	3131100P003	029		211121J007	005	SST		110	2805	308,55	2800	308	313,21	313,04
SIH-CP-13	3131100P003	006		211121J007	006	SST		110	2805	308,55	2800	308	313,88	313,66
SIH-CP-13	3131100P003	022		211121J007	007	SST		110	2805	308,55	2800	308	311,39	311,30
SIH-CP-13	3131100P009	003		211121J007	008								30,19	30,30
SIH-CP-13	3131100P009	007		211121J007	009	SST		110	2469	271,59	2337	257,07	263,95	263,93
SIH-CP-13	3131100P009	004		211121J007	010	SST		110	2469	271,59	2337	257,07	259,88	259,71
SIH-CP-13	3131100P003	014		211121J007	011	SST		110	2805	308,55	2800	308	311,12	310,96
SIH-CP-13	3131100P003	030		211121J007	012	SST		110	2805	308,55	2800	308	313,81	313,63
SIH-CP-13	3131100P003	007		211121J007	013	SST		110	2805	308,55	2800	308	311,23	310,96
SIH-CP-13	3131100P003	019		211121J007	014	SST		110	2805	308,55	2800	308	314,02	314,02
SIH-CP-13	3131100P009	002		211121J007	017	SST		110	2469	271,59	2337	257,07	260,25	260,24
SIH-CP-13	3131100P009	006		211121J007	018	SST		110	2469	271,59	2337	257,07	264,66	264,47
SIH-CP-13	3131100P003	015		211121J007	021								38,46	38,66
SIH-CP-13	3131100P003	023		211121J007	022	SST		110	2805	308,55	2800	308	312,81	312,62
SIH-CP-13	3131100P003	020		211121J007	023	SST		110	2805	308,55	2800	308	312,33	312,05
SIH-CP-13	3131100P003	004		211121J007	024	SST		110	2805	308,55	2800	308	314,19	313,92
SIH-CP-13	3131100P009	001		211121J007	028	SST		110	2469	271,59	2337	257,07	264,79	264,75
SIH-CP-13	3131100P003	008		211121J007	032								38,99	39,10
SIH-CP-13	3131100P003	005		211121J007	034	SST		110	2805	308,55	2800	308	312,20	312,21
SIH-CP-13	3131100P003	001		211121J007	035	BRASS		1,4	2805	3,927	2800	3,92	3,90	4,01
SIH-CP-13	3131100P003	028		211121J007	041	SST		110	2805	308,55	2800	308	315,20	314,93
SIH-CP-13	3131100P003	011		211121J007	042	SST		110	2805	308,55	2800	308	314,82	314,60
SIH-CP-13	3131100P003	027		211121J007	043	SST		110	2805	308,55	2800	308	313,61	313,37
SIH-CP-13	3131100P003	012		211121J007	044	SST		110	2805	308,55	2800	308	315,56	315,32
SIH-CP-13	3131100P003	021		211121J007	045								38,46	38,75
SIH-CP-13	3131100P003	002		211121J007	046	BRASS		1,4	2805	3,927	2800	3,92	3,90	4,02
SIH-CP-13	3131100P003	017		211121J007	047	BRASS		1,4	2805	3,927	2800	3,92	3,83	3,98
SIH-CP-13	3131100P007	011		211121J007	050								37,79	37,84

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-13	3131100P007	010	211121J007	051	SST	110	2666	293,26	2700	297	300,26	300,03
SIH-CP-13	3131100P007	026	211121J007	052	SST	110	2666	293,26	2700	297	301,56	301,37
SIH-CP-13	3131100P003	024	211121J007	053	SST	110	2805	308,55	2800	308	314,06	313,86
SIH-CP-13	3131100P003	009	211121J007	054	SST	110	2805	308,55	2800	308	315,83	315,60
SIH-CP-13	3131100P003	025	211121J007	055	SST	110	2805	308,55	2800	308	306,45	306,00
SIH-CP-13	3131100P003	010	211121J007	056	SST	110	2805	308,55	2800	308	313,61	313,41
SIH-CP-13	3131100P003	003	211121J007	057							24,68	24,85
SIH-CP-13	3131100P003	018	211121J007	058	BRASS	1,4	2805	3,927	2800	3,92	3,83	3,98
SIH-CP-13	3131100P007	009	211121J007	062	SST	110	2666	293,26	2700	297	299,75	299,63
SIH-CP-13	3131100P007	025	211121J007	063	SST	110	2666	293,26	2700	297	301,81	301,50
SIH-CP-13	3131100P003	026	211121J007	064							33,42	33,51
SIH-CP-13	3131100P001	010	211121J007	068	SST	110	2418	265,98	2290	251,9	254,97	254,86
SIH-CP-13	3131100P007	021	211121J007	072					2700	0	32,67	32,98
SIH-CP-13	3131100P007	007	211121J007	073	SST	55	2666	146,63	2700	148,5	151,49	151,46
SIH-CP-13	3131100P007	023	211121J007	074	SST	110	2666	293,26	2700	297	302,44	302,19
SIH-CP-13	3131100P007	024	211121J007	075	SST	110	2666	293,26	2700	297	301,43	301,28
SIH-CP-13	3131100P001	026	211121J007	076							29,45	29,60
SIH-CP-13	3131100P001	024	211121J007	077	SST	110	2418	265,98	2290	251,9	256,32	256,23
SIH-CP-13	3131100P001	009	211121J007	078	SST	110	2418	265,98	2290	251,9	256,01	256,02
SIH-CP-13	3131100P001	025	211121J007	079	SST	110	2418	265,98	2290	251,9	255,21	255,17
SIH-CP-13	3131100P001	003	211121J007	080					2290	0	22,12	22,37
SIH-CP-13	3131100P001	018	211121J007	081	BRASS	1,4	2418	3,3852	2290	3,206	3,16	3,24
SIH-CP-13	3131100P007	006	211121J007	084	SST	55	2666	146,63	2700	148,5	149,21	149,16
SIH-CP-13	3131100P007	022	211121J007	085	SST	110	2666	293,26	2700	297	301,54	301,23
SIH-CP-13	3131100P007	008	211121J007	086	SST	110	2666	293,26	2700	297	301,63	301,41
SIH-CP-13	3131100P001	028	211121J007	087	SST	110	2418	265,98	2290	251,9	249,33	249,11
SIH-CP-13	3131100P001	011	211121J007	088	SST	110	2418	265,98	2290	251,9	255,24	255,08
SIH-CP-13	3131100P001	027	211121J007	089	SST	110	2418	265,98	2290	251,9	256,72	256,55
SIH-CP-13	3131100P001	012	211121J007	090	SST	110	2418	265,98	2290	251,9	256,45	256,31
SIH-CP-13	3131100P001	021	211121J007	091							33,75	33,90
SIH-CP-13	3131100P001	002	211121J007	092	BRASS	1,4	2418	3,3852	2290	3,206	3,16	3,29
SIH-CP-13	3131100P001	017	211121J007	093	BRASS	1,4	2418	3,3852	2290	3,206	3,16	3,23
SIH-CP-13	3131100P007	003	211121J007	095	SST	55	2666	146,63	2700	148,5	148,92	148,91
SIH-CP-13	3131100P007	019	211121J007	096	SST	110	2666	293,26	2700	297	300,69	300,72

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-13	3131100P007	020		211121J007	097		SST	110	2666	293,26	2700	297	302,82	302,52
SIH-CP-13	3131100P007	027		211121J007	098								24,27	24,43
SIH-CP-13	3131100P007	029		211121J007	099		BRASS	1,4	2666	3,7324	2700	3,78	3,77	3,78
SIH-CP-13	3131100P007	013		211121J007	100		BRASS	1,4	2666	3,7324	2700	3,78	3,70	3,80
SIH-CP-13	3131100P001	008		211121J007	101								33,55	33,75
SIH-CP-13	3131100P001	005		211121J007	103		SST	110	2418	265,98	2290	251,9	253,70	253,69
SIH-CP-13	3131100P001	001		211121J007	104		BRASS	1,4	2418	3,3852	2290	3,206	3,16	3,32
SIH-CP-13	3131100P007	017		211121J007	105								32,61	32,70
SIH-CP-13	3131100P007	002		211121J007	106		SST	55	2666	146,63	2700	148,5	150,82	150,70
SIH-CP-13	3131100P007	018		211121J007	107		SST	110	2666	293,26	2700	297	300,69	300,82
SIH-CP-13	3131100P007	004		211121J007	108		SST	110	2666	293,26	2700	297	302,41	302,17
SIH-CP-13	3131100P007	028		211121J007	109		BRASS	1,4	2666	3,7324	2700	3,78	3,77	3,83
SIH-CP-13	3131100P007	012		211121J007	110		BRASS	1,4	2666	3,7324	2700	3,78	3,77	3,85
SIH-CP-13	3131100P001	015		211121J007	111								33,82	33,90
SIH-CP-13	3131100P001	023		211121J007	112		SST	110	2418	265,98	2290	251,9	253,83	254,15
SIH-CP-13	3131100P001	020		211121J007	113		SST	110	2418	265,98	2290	251,9	255,41	255,23
SIH-CP-13	3131100P001	004		211121J007	114		SST	110	2418	265,98	2290	251,9	254,03	253,91
SIH-CP-13	3131100P007	015		211121J007	116		BRASS	1,4	2666	3,7324	2700	3,78	3,70	3,80
SIH-CP-13	3131100P007	031		211121J007	117		BRASS	1,4	2666	3,7324	2700	3,78	3,70	3,83
SIH-CP-13	3131100P001	014		211121J007	118		SST	110	2418	265,98	2290	251,9	254,23	254,05
SIH-CP-13	3131100P001	030		211121J007	119		SST	110	2418	265,98	2290	251,9	253,26	253,09
SIH-CP-13	3131100P001	007		211121J007	120		SST	110	2418	265,98	2290	251,9	253,43	253,28
SIH-CP-13	3131100P001	019		211121J007	121		SST	110	2418	265,98	2290	251,9	254,40	254,40
SIH-CP-13	3131100P007	016		211121J007	122								24,34	24,45
SIH-CP-13	3131100P007	014		211121J007	123		BRASS	1,4	2666	3,7324	2700	3,78	3,77	3,81
SIH-CP-13	3131100P007	030		211121J007	124		BRASS	1,4	2666	3,7324	2700	3,78	3,77	3,78
SIH-CP-13	3131100P001	013		211121J007	125		SST	110	2418	265,98	2290	251,9	252,72	252,53
SIH-CP-13	3131100P001	029		211121J007	126		SST	110	2418	265,98	2290	251,9	252,96	252,73
SIH-CP-13	3131100P001	006		211121J007	127		SST	110	2418	265,98	2290	251,9	255,11	254,96
SIH-CP-13	3131100P001	022		211121J007	128		SST	110	2418	265,98	2290	251,9	253,53	253,50
SIH-CP-14	3131100P043	016		211121J003	001								20,71	20,83
SIH-CP-14	3131100P043	010		211121J003	002		SST	110	1195	131,45	1120	123,2	124,09	124,15
SIH-CP-14	3131100P043	020		211121J003	003		SST	110	1195	131,45	1120	123,2	124,44	124,51

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-14	3131100P043	021	211121J003	004	SST	110	1195	131,45	1120	123,2	124,44	124,78
SIH-CP-14	3131100P004	021	211121J003	005							41,21	41,27
SIH-CP-14	3131100P004	019	211121J003	006	SST	110	3129	344,19	3050	335,5	338,89	338,63
SIH-CP-14	3131100P004	020	211121J003	007	SST	110	3129	344,19	3050	335,5	340,97	340,83
SIH-CP-14	3131100P043	005	211121J003	008	SST	55	1195	65,725	1120	61,6	61,73	61,96
SIH-CP-14	3131100P043	009	211121J003	009	SST	110	1195	131,45	1120	123,2	124,04	124,08
SIH-CP-14	3131100P004	014	211121J003	012	SST	110	3129	344,19	3050	335,5	339,65	339,57
SIH-CP-14	3131100P004	030	211121J003	013	SST	110	3129	344,19	3050	335,5	340,25	340,08
SIH-CP-14	3131100P004	004	211121J003	014	SST	110	3129	344,19	3050	335,5	341,44	341,34
SIH-CP-14	3131100P043	004	211121J003	015	SST	55	1195	65,725	1120	61,6	62,00	62,08
SIH-CP-14	3131100P043	015	211121J003	016	SST	110	1195	131,45	1120	123,2	123,48	123,52
SIH-CP-14	3131100P043	011	211121J003	017							21,11	21,24
SIH-CP-14	3131100P004	013	211121J003	021	SST	110	3129	344,19	3050	335,5	339,18	339,12
SIH-CP-14	3131100P004	029	211121J003	022	SST	110	3129	344,19	3050	335,5	338,64	338,48
SIH-CP-14	3131100P004	003	211121J003	023							25,89	25,97
SIH-CP-14	3131100P004	005	211121J003	024	SST	110	3129	344,19	3050	335,5	338,77	338,60
SIH-CP-14	3131100P043	007	211121J003	025	SST	110	1195	131,45	1120	123,2	123,57	123,58
SIH-CP-14	3131100P043	014	211121J003	026	SST	110	1195	131,45	1120	123,2	123,16	123,25
SIH-CP-14	3131100P042	006	211121J003	027	SST	110	1180	129,8	1110	122,1	123,63	123,78
SIH-CP-14	3131100P042	007	211121J003	028	SST	110	1180	129,8	1110	122,1	123,89	124,09
SIH-CP-14	3131100P042	019	211121J003	029	SST	110	1180	129,8	1110	122,1	121,61	121,74
SIH-CP-14	3131100P042	020	211121J003	030	SST	110	1180	129,8	1110	122,1	121,68	121,74
SIH-CP-14	3131100P004	015	211121J003	031							41,62	41,73
SIH-CP-14	3131100P004	007	211121J003	032	SST	110	3129	344,19	3050	335,5	339,18	339,09
SIH-CP-14	3131100P004	023	211121J003	033	SST	110	3129	344,19	3050	335,5	341,06	340,95
SIH-CP-14	3131100P004	018	211121J003	034	BRASS	1,4	3129	4,3806	3050	4,27	4,24	4,34
SIH-CP-14	3131100P004	017	211121J003	035	BRASS	1,4	3129	4,3806	3050	4,27	4,24	4,34
SIH-CP-14	3131100P043	006	211121J003	036	SST	110	1195	131,45	1120	123,2	123,62	123,67
SIH-CP-14	3131100P043	019	211121J003	037	SST	110	1195	131,45	1120	123,2	123,57	123,57
SIH-CP-14	3131100P043	008	211121J003	038							23,00	23,23
SIH-CP-14	3131100P042	016	211121J003	039	SST	110	1180	129,8	1110	122,1	123,57	123,63
SIH-CP-14	3131100P042	017	211121J003	040	SST	110	1180	129,8	1110	122,1	123,62	123,70
SIH-CP-14	3131100P042	008	211121J003	041	SST	110	1180	129,8	1110	122,1	123,68	123,80
SIH-CP-14	3131100P042	009	211121J003	042	SST	110	1180	129,8	1110	122,1	123,77	123,87

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-14	3131100P004	008	211121J003	043							41,08	41,16
SIH-CP-14	3131100P004	006	211121J003	044	SST	110	3129	344,19	3050	335,5	340,84	340,71
SIH-CP-14	3131100P004	022	211121J003	045	SST	110	3129	344,19	3050	335,5	339,22	339,01
SIH-CP-14	3131100P004	002	211121J003	046	BRASS	1,4	3129	4,3806	3050	4,27	4,30	4,37
SIH-CP-14	3131100P004	001	211121J003	047	BRASS	1,4	3129	4,3806	3050	4,27	4,17	4,37
SIH-CP-14	3131100P043	017	211121J003	048							23,20	23,33
SIH-CP-14	3131100P043	018	211121J003	049	SST	110	1195	131,45	1120	123,2	123,57	123,55
SIH-CP-14	3131100P042	021	211121J003	050							19,43	19,54
SIH-CP-14	3131100P042	002	211121J003	051	BRASS	1,4	1180	1,652	1110	1,554	1,48	1,66
SIH-CP-14	3131100P042	013	211121J003	052	BRASS	1,4	1180	1,652	1110	1,554	1,55	1,64
SIH-CP-14	3131100P042	015	211121J003	053	BRASS	1,4	1180	1,652	1110	1,554	1,55	1,64
SIH-CP-14	3131100P042	018	211121J003	054							19,83	20,05
SIH-CP-14	3131100P004	028	211121J003	055	SST	110	3129	344,19	3050	335,5	343,08	342,99
SIH-CP-14	3131100P004	012	211121J003	056	SST	110	3129	344,19	3050	335,5	337,36	337,17
SIH-CP-14	3131100P004	027	211121J003	057	SST	110	3129	344,19	3050	335,5	342,88	342,77
SIH-CP-14	3131100P004	011	211121J003	058	SST	110	3129	344,19	3050	335,5	342,14	342,01
SIH-CP-14	3131100P043	013	211121J003	060	SST	55	1195	65,725	1120	61,6	60,99	61,09
SIH-CP-14	3131100P042	011	211121J003	061	BRASS	1,4	1180	1,652	1110	1,554	1,48	1,62
SIH-CP-14	3131100P042	003	211121J003	062							16,27	16,39
SIH-CP-14	3131100P042	001	211121J003	063	BRASS	1,4	1180	1,652	1110	1,554	1,55	1,64
SIH-CP-14	3131100P042	012	211121J003	064	BRASS	1,4	1180	1,652	1110	1,554	1,48	1,61
SIH-CP-14	3131100P042	014	211121J003	065	BRASS	1,4	1180	1,652	1110	1,554	1,55	1,59
SIH-CP-14	3131100P004	026	211121J003	066							35,50	35,52
SIH-CP-14	3131100P004	024	211121J003	067	SST	110	3129	344,19	3050	335,5	342,65	342,48
SIH-CP-14	3131100P004	009	211121J003	068	SST	110	3129	344,19	3050	335,5	336,75	336,54
SIH-CP-14	3131100P004	025	211121J003	069	SST	110	3129	344,19	3050	335,5	342,96	342,86
SIH-CP-14	3131100P004	010	211121J003	070	SST	110	3129	344,19	3050	335,5	343,19	342,98
SIH-CP-14	3131100P043	012	211121J003	071	SST	55	1195	65,725	1120	61,6	60,85	60,96
SIH-CP-14	3131100P043	002	211121J003	072	SST	110	1195	131,45	1120	123,2	122,74	122,84
SIH-CP-14	3131100P042	010	211121J003	073	BRASS	1,4	1180	1,652	1110	1,554	1,48	1,62
SIH-CP-14	3131100P006	001	211121J003	076							23,53	23,66
SIH-CP-14	3131100P002	010	211121J003	078	SST	110	2588	284,68	2445	268,95	275,92	275,87
SIH-CP-14	3131100P002	024	211121J003	079	SST	110	2588	284,68	2445	268,95	276,12	276,10
SIH-CP-14	3131100P002	009	211121J003	080	SST	110	2588	284,68	2445	268,95	276,52	276,54

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-14	3131100P002	025		211121J003	081		SST	110	2588	284,68	2445	268,95	276,42	276,30
SIH-CP-14	3131100P043	003		211121J003	082								20,44	20,63
SIH-CP-14	3131100P043	001		211121J003	083		SST	110	1195	131,45	1120	123,2	122,27	122,29
SIH-CP-14	3131100P006	013		211121J003	085		BRASS	1,4	2437	3,4118	2630	3,682	3,63	3,78
SIH-CP-14	3131100P006	005		211121J003	086		BRASS	1,4	2437	3,4118	2630	3,682	3,70	3,82
SIH-CP-14	3131100P006	010		211121J003	087		BRASS	1,4	2437	3,4118	2630	3,682	3,63	3,81
SIH-CP-14	3131100P006	003		211121J003	088		BRASS	1,4	2437	3,4118	2630	3,682	3,70	3,80
SIH-CP-14	3131100P002	011		211121J003	090		SST	110	2588	284,68	2445	268,95	276,22	276,10
SIH-CP-14	3131100P002	027		211121J003	091		SST	110	2588	284,68	2445	268,95	271,54	271,45
SIH-CP-14	3131100P002	012		211121J003	092		SST	110	2588	284,68	2445	268,95	276,09	275,86
SIH-CP-14	3131100P002	028		211121J003	093		SST	110	2588	284,68	2445	268,95	271,07	271,10
SIH-CP-14	3131100P006	015		211121J003	095		SST	110	2437	268,07	2630	289,3	292,41	292,39
SIH-CP-14	3131100P006	014		211121J003	096		SST	110	2437	268,07	2630	289,3	291,87	291,82
SIH-CP-14	3131100P006	012		211121J003	097		BRASS	1,4	2437	3,4118	2630	3,682	3,63	3,79
SIH-CP-14	3131100P006	004		211121J003	098		BRASS	1,4	2437	3,4118	2630	3,682	3,70	3,79
SIH-CP-14	3131100P006	009		211121J003	099		BRASS	1,4	2437	3,4118	2630	3,682	3,63	3,78
SIH-CP-14	3131100P006	002		211121J003	100		BRASS	1,4	2437	3,4118	2630	3,682	3,70	3,78
SIH-CP-14	3131100P002	026		211121J003	101								30,05	30,51
SIH-CP-14	3131100P002	003		211121J003	102								23,00	23,17
SIH-CP-14	3131100P002	018		211121J003	103		BRASS	1,4	2588	3,6232	2445	3,423	3,36	3,52
SIH-CP-14	3131100P006	007		211121J003	106		SST	110	2437	268,07	2630	289,3	292,48	292,50
SIH-CP-14	3131100P006	006		211121J003	107		SST	110	2437	268,07	2630	289,3	292,11	292,02
SIH-CP-14	3131100P006	011		211121J003	108								23,73	23,93
SIH-CP-14	3131100P002	015		211121J003	109								35,10	35,24
SIH-CP-14	3131100P002	008		211121J003	110								35,03	35,18
SIH-CP-14	3131100P002	021		211121J003	111								35,09	35,19
SIH-CP-14	3131100P002	005		211121J003	112		SST	110	2588	284,68	2445	268,95	271,95	272,19
SIH-CP-14	3131100P002	002		211121J003	113		BRASS	1,4	2588	3,6232	2445	3,423	3,36	3,52
SIH-CP-14	3131100P002	017		211121J003	114		BRASS	1,4	2588	3,6232	2445	3,423	3,36	3,48
SIH-CP-14	3131100P002	014		211121J003	116		SST	110	2588	284,68	2445	268,95	272,55	272,69
SIH-CP-14	3131100P002	030		211121J003	117		SST	110	2588	284,68	2445	268,95	270,81	270,87
SIH-CP-14	3131100P002	007		211121J003	118		SST	110	2588	284,68	2445	268,95	272,82	272,72
SIH-CP-14	3131100P002	023		211121J003	119		SST	110	2588	284,68	2445	268,95	271,81	271,67
SIH-CP-14	3131100P002	020		211121J003	120		SST	110	2588	284,68	2445	268,95	273,90	273,68

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-14	3131100P002	001	211121J003	121	BRASS	1,4	2588	3,6232	2445	3,423	3,36	3,53
SIH-CP-14	3131100P006	008	211121J003	122							36,78	36,89
SIH-CP-14	3131100P002	013	211121J003	123	SST	110	2588	284,68	2445	268,95	272,55	272,64
SIH-CP-14	3131100P002	029	211121J003	124	SST	110	2588	284,68	2445	268,95	271,11	271,21
SIH-CP-14	3131100P002	006	211121J003	125	SST	110	2588	284,68	2445	268,95	272,02	271,90
SIH-CP-14	3131100P002	022	211121J003	126	SST	110	2588	284,68	2445	268,95	272,55	272,77
SIH-CP-14	3131100P002	019	211121J003	127	SST	110	2588	284,68	2445	268,95	272,35	272,21
SIH-CP-14	3131100P002	004	211121J003	128	SST	110	2588	284,68	2445	268,95	273,67	273,57
SIH-CP-15	3131100P041	011	211121J004	002							20,91	21,07
SIH-CP-15	3131100P041	010	211121J004	003	SST	110	996	109,56	1020	112,2	113,19	113,34
SIH-CP-15	3131100P041	009	211121J004	004	SST	110	996	109,56	1020	112,2	112,66	112,83
SIH-CP-15	3131100P041	021	211121J004	005	SST	110	996	109,56	1020	112,2	112,72	112,75
SIH-CP-15	3131100P041	020	211121J004	006	SST	110	996	109,56	1020	112,2	112,93	113,01
SIH-CP-15	3131100P041	016	211121J004	007							19,64	19,72
SIH-CP-15	3131100P041	019	211121J004	013	SST	110	996	109,56	1020	112,2	113,13	113,09
SIH-CP-15	3131100P041	015	211121J004	014	SST	110	996	109,56	1020	112,2	113,13	113,15
SIH-CP-15	3131100P041	005	211121J004	015	SST	55	996	54,78	1020	56,1	56,28	56,42
SIH-CP-15	3131100P041	018	211121J004	021	SST	110	996	109,56	1020	112,2	113,19	113,25
SIH-CP-15	3131100P041	008	211121J004	022							22,06	22,25
SIH-CP-15	3131100P041	014	211121J004	023	SST	110	996	109,56	1020	112,2	113,67	113,70
SIH-CP-15	3131100P041	004	211121J004	024	SST	55	996	54,78	1020	56,1	56,55	56,68
SIH-CP-15	3131100P041	017	211121J004	031							22,19	22,26
SIH-CP-15	3131100P041	007	211121J004	032	SST	110	996	109,56	1020	112,2	113,13	113,23
SIH-CP-15	3131100P041	012	211121J004	033	SST	55	996	54,78	1020	56,1	56,82	56,93
SIH-CP-15	3131100P041	013	211121J004	034	SST	55	996	54,78	1020	56,1	56,82	56,88
SIH-CP-15	3131100P041	006	211121J004	042	SST	110	996	109,56	1020	112,2	113,06	113,15
SIH-CP-15	3131100P041	003	211121J004	043							19,84	20,13
SIH-CP-15	3131100P041	001	211121J004	044	SST	110	996	109,56	1020	112,2	113,60	113,62
SIH-CP-15	3131100P041	002	211121J004	045	SST	110	996	109,56	1020	112,2	114,02	113,99
SIH-CP-15	3131100P040	018	211121J004	050							18,76	18,91
SIH-CP-15	3131100P040	007	211121J004	051	SST	110	981	107,91	1000	110	110,97	111,07
SIH-CP-15	3131100P040	017	211121J004	052	SST	110	981	107,91	1000	110	112,72	112,82
SIH-CP-15	3131100P040	008	211121J004	053	SST	110	981	107,91	1000	110	112,40	112,56

Harness Bundle	From Connector		Pin	To Connector		Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-15	3131100P040	020		211121J004	054	SST		110	981	107,91	1000	110	112,44	112,51
SIH-CP-15	3131100P040	011		211121J004	055	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,52
SIH-CP-15	3131100P040	016		211121J004	061	SST		110	981	107,91	1000	110	110,64	110,72
SIH-CP-15	3131100P040	006		211121J004	062	SST		110	981	107,91	1000	110	112,72	112,74
SIH-CP-15	3131100P040	019		211121J004	063	SST		110	981	107,91	1000	110	112,99	112,99
SIH-CP-15	3131100P040	009		211121J004	064	SST		110	981	107,91	1000	110	112,45	112,51
SIH-CP-15	3131100P040	010		211121J004	065	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,48
SIH-CP-15	3131100P040	021		211121J004	066								18,83	18,94
SIH-CP-15	3131100P040	002		211121J004	068	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,47
SIH-CP-15	3131100P040	013		211121J004	069	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,45
SIH-CP-15	3131100P040	015		211121J004	070	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,44
SIH-CP-15	3131100P008	002		211121J004	073	SST		110	2437	268,07	2480	272,8	276,56	276,58
SIH-CP-15	3131100P008	007		211121J004	074	SST		110	2437	268,07	2480	272,8	276,56	276,60
SIH-CP-15	3131100P008	009		211121J004	075	SST		110	2437	268,07	2480	272,8	271,75	271,88
SIH-CP-15	3131100P008	005		211121J004	076	SST		110	2437	268,07	2480	272,8	276,32	276,38
SIH-CP-15	3131100P040	003		211121J004	077								15,87	16,11
SIH-CP-15	3131100P040	001		211121J004	078	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,53
SIH-CP-15	3131100P040	012		211121J004	079	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,53
SIH-CP-15	3131100P040	014		211121J004	080	BRASS		1,4	981	1,3734	1000	1,4	1,34	1,51
SIH-CP-15	3131100P008	003		211121J004	081								30,73	30,85
SIH-CP-15	3131100P008	001		211121J004	082	SST		110	2437	268,07	2480	272,8	276,56	276,53
SIH-CP-15	3131100P008	006		211121J004	083	SST		110	2437	268,07	2480	272,8	276,72	276,74
SIH-CP-15	3131100P008	008		211121J004	084	SST		110	2437	268,07	2480	272,8	276,92	276,94
SIH-CP-15	3131100P008	004		211121J004	085	SST		110	2437	268,07	2480	272,8	272,19	272,17
SIH-CP-15	3131100P005	008		211121J004	086								36,44	36,65
SIH-CP-15	3131100P005	015		211121J004	087	SST		110	2437	268,07	2560	281,6	285,68	285,76
SIH-CP-15	3131100P005	007		211121J004	088	SST		110	2437	268,07	2560	281,6	284,64	284,50
SIH-CP-15	3131100P005	011		211121J004	089								23,47	23,67
SIH-CP-15	3131100P005	005		211121J004	090	BRASS		1,4	2437	3,4118	2560	3,584	3,56	3,68
SIH-CP-15	3131100P005	010		211121J004	091	BRASS		1,4	2437	3,4118	2560	3,584	3,56	3,68
SIH-CP-15	3131100P005	003		211121J004	092	BRASS		1,4	2437	3,4118	2560	3,584	3,56	3,70
SIH-CP-15	3131100P005	001		211121J004	093								23,40	23,65
SIH-CP-15	3131100P005	014		211121J004	094	SST		110	2437	268,07	2560	281,6	284,37	284,19
SIH-CP-15	3131100P005	006		211121J004	095	SST		110	2437	268,07	2560	281,6	285,31	285,04

Harness Bundle	From Connector Pin		To Connector Pin		cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (mm)	Predicted Wire Resistance in (Ω)	as built length (mm)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-CP-15	3131100P005	012	211121J004	096	BRASS	1,4	2437	3,4118	2560	3,584	3,56	3,67
SIH-CP-15	3131100P005	013	211121J004	097	BRASS	1,4	2437	3,4118	2560	3,584	3,56	3,67
SIH-CP-15	3131100P005	004	211121J004	098	BRASS	1,4	2437	3,4118	2560	3,584	3,56	3,67
SIH-CP-15	3131100P005	009	211121J004	099	BRASS	1,4	2437	3,4118	2560	3,584	3,50	3,67
SIH-CP-15	3131100P005	002	211121J004	100	BRASS	1,4	2437	3,4118	2560	3,584	3,50	3,68

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-01	3211121P009	007	3313100J008	007	SST	55	2312	127,16	2300	126,5	131,5	130,39
SIH-IP-01	3211121P009	009	3313100J008	009						0	39,37	38,75
SIH-IP-01	3211121P009	012	3313100J008	012	SST	55	2312	127,16	2300	126,5	130,7	129,77
SIH-IP-01	3211121P009	013	3313100J008	013	SST	55	2312	127,16	2300	126,5	130,9	129,75
SIH-IP-01	3211121P009	014	3313100J008	014	SST	55	2312	127,16	2300	126,5	131	129,85
SIH-IP-01	3211121P009	017	3313100J008	017	SST	55	2312	127,16	2300	126,5	131,5	131,41
SIH-IP-01	3211121P009	018	3313100J008	018	SST	55	2312	127,16	2300	126,5	131,6	131,53
SIH-IP-01	3211121P009	020	3313100J008	020	SST	110	2312	254,32	2300	253	261,3	260,70
SIH-IP-01	3211121P009	021	3313100J008	021	SST	110	2312	254,32	2300	253	261,1	260,20
SIH-IP-01	3211121P009	022	3313100J008	022	SST	110	2312	254,32	2300	253	264,4	260,69
SIH-IP-01	3211121P009	023	3313100J008	023	SST	110	2312	254,32	2300	253	258,6	258,14
SIH-IP-01	3211121P009	024	3313100J008	024	SST	110	2312	254,32	2300	253	257,6	257,17
SIH-IP-01	3211121P009	028	3313100J008	028						0	38,83	38,55
SIH-IP-01	3211121P009	030	3313100J008	030							23,75	23,87
SIH-IP-01	3211121P009	031	3313100J008	031	SST	110	2312	254,32	2300	253	261	260,63
SIH-IP-01	3211121P009	032	3313100J008	032	SST	110	2312	254,32	2300	253	261,5	261,00
SIH-IP-01	3211121P009	033	3313100J008	033	SST	110	2312	254,32	2300	253	259,8	258,05
SIH-IP-01	3211121P009	034	3313100J008	034	SST	110	2312	254,32	2300	253	260,1	258,23
SIH-IP-01	3211121P009	035	3313100J008	035	SST	110	2312	254,32	2300	253	261,4	260,79
SIH-IP-01	3211121P009	039	3313100J008	039							29,34	29,15
SIH-IP-01	3211121P009	040	3313100J008	040	SST	110	2312	254,32	2300	253	261	259,10
SIH-IP-01	3211121P009	041	3313100J008	041							30,25	30,09
SIH-IP-01	3211121P009	042	3313100J008	042	SST	110	2312	254,32	2300	253	261,4	259,37
SIH-IP-01	3211121P009	043	3313100J008	043							29,68	29,56
SIH-IP-01	3211121P009	044	3313100J008	044	SST	110	2312	254,32	2300	253	259,9	259,75
SIH-IP-01	3211121P009	045	3313100J008	045							31,97	31,73
SIH-IP-01	3211121P009	046	3313100J008	046							30,16	29,87
SIH-IP-01	3211121P009	047	3313100J008	047	SST	110	2312	254,32	2300	253	262,7	261,66
SIH-IP-01	3211121P009	048	3313100J008	048	BRASS	7,8	2312	18,0336	2300	17,94	17,42	17,45
SIH-IP-01	3211121P009	049	3313100J008	049							30,15	29,97
SIH-IP-01	3211121P009	050	3313100J008	050	BRASS	7,8	2312	18,0336	2300	17,94	17,46	17,44
SIH-IP-01	3211121P009	051	3313100J008	051							30,03	29,91
SIH-IP-01	3211121P009	052	3313100J008	052							31,7	31,98
SIH-IP-01	3211121P009	053	3313100J008	053							29,98	29,82
SIH-IP-01	3211121P009	054	3313100J008	054							31,65	31,55
SIH-IP-01	3211121P009	055	3313100J008	055							31,52	31,42

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-01	3211121P009	056	3313100J008	056							30,1	30,08
SIH-IP-01	3211121P009	057	3313100J008	057	SST	110	2312	254,32	2300	253	261,7	260,85
SIH-IP-01	3211121P009	058	3313100J008	058							32,06	31,86
SIH-IP-01	3211121P009	060	3313100J008	060							29,86	29,98
SIH-IP-01	3211121P009	062	3313100J008	062							29,99	29,98
SIH-IP-01	3211121P009	063	3313100J008	063	SST	110	2312	254,32	2300	253	261,1	259,87
SIH-IP-01	3211121P009	064	3313100J008	064							31,44	31,43
SIH-IP-01	3211121P009	065	3313100J008	065							30,12	30,13
SIH-IP-01	3211121P009	066	3313100J008	066	SST	110	2312	254,32	2300	253	260,1	259,95
SIH-IP-01	3211121P009	067	3313100J008	067							31,5	31,58
SIH-IP-01	3211121P009	068	3313100J008	068							32,33	32,14
SIH-IP-01	3211121P009	069	3313100J008	069							30,49	30,34
SIH-IP-01	3211121P009	070	3313100J008	070	SST	110	2312	254,32	2300	253	261	260,81
SIH-IP-01	3211121P009	071	3313100J008	071	SST	110	2312	254,32	2300	253	261,4	259,66
SIH-IP-01	3211121P009	072	3313100J008	072							31,92	31,77
SIH-IP-01	3211121P009	073	3313100J008	073	SST	110	2312	254,32	2300	253	259,2	259,17
SIH-IP-01	3211121P009	074	3313100J008	074							31,39	31,06
SIH-IP-01	3211121P009	075	3313100J008	075							30,23	29,89
SIH-IP-01	3211121P009	076	3313100J008	076	SST	110	2312	254,32	2300	253	261,6	260,42
SIH-IP-01	3211121P009	077	3313100J008	077							31,62	31,65
SIH-IP-01	3211121P009	078	3313100J008	078							30,24	30,17
SIH-IP-01	3211121P009	079	3313100J008	079	SST	110	2312	254,32	2300	253	262,7	262,06
SIH-IP-01	3211121P009	080	3313100J008	080							30,28	30,39
SIH-IP-01	3211121P009	081	3313100J008	081							31,85	31,84
SIH-IP-01	3211121P009	083	3313100J008	083							30,41	30,26
SIH-IP-01	3211121P009	084	3313100J008	084							30,26	30,12
SIH-IP-01	3211121P009	085	3313100J008	085							25,17	25,15
SIH-IP-01	3211121P009	086	3313100J008	086	SST	110	2312	254,32	2300	253	266	265,71
SIH-IP-01	3211121P009	087	3313100J008	087	SST	110	2312	254,32	2300	253	268,7	266,76
SIH-IP-01	3211121P009	088	3313100J008	088	SST	110	2312	254,32	2300	253	267,2	266,37
SIH-IP-01	3211121P009	089	3313100J008	089	SST	110	2312	254,32	2300	253	268,5	266,19
SIH-IP-01	3211121P009	090	3313100J008	090							32,92	32,89
SIH-IP-01	3211121P009	091	3313100J008	091	SST	110	2312	254,32	2300	253	267,8	265,97
SIH-IP-01	3211121P009	092	3313100J008	092	SST	110	2312	254,32	2300	253	265,4	264,93
SIH-IP-01	3211121P009	093	3313100J008	093	SST	110	2312	254,32	2300	253	267,1	265,41
SIH-IP-01	3211121P009	095	3313100J008	095	SST	110	2312	254,32	2300	253	260,6	259,00

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-01	3211121P009	096	3313100J008	096							31,91	31,88
SIH-IP-01	3211121P009	097	3313100J008	097	SST	55	2312	127,16	2300	126,5	134,3	133,27
SIH-IP-01	3211121P009	098	3313100J008	098	SST	110	2312	254,32	2300	253	262,5	262,20
SIH-IP-01	3211121P009	099	3313100J008	099	SST	110	2312	254,32	2300	253	268,8	266,61
SIH-IP-01	3211121P009	100	3313100J008	100	SST	110	2312	254,32	2300	253	262,9	262,38
SIH-IP-01	3211121P009	101	3313100J008	101	SST	110	2312	254,32	2300	253	267,7	265,85
SIH-IP-01	3211121P009	102	3313100J008	102	SST	110	2312	254,32	2300	253	267,7	267,34
SIH-IP-01	3211121P009	103	3313100J008	103	SST	110	2312	254,32	2300	253	268,5	266,32
SIH-IP-01	3211121P009	104	3313100J008	104	SST	110	2312	254,32	2300	253	266,8	266,08
SIH-IP-01	3211121P009	107	3313100J008	107	SST	55	2312	127,16	2300	126,5	132,3	131,15
SIH-IP-01	3211121P009	108	3313100J008	108	SST	110	2312	254,32	2300	253	265,8	264,16
SIH-IP-01	3211121P009	109	3313100J008	109	SST	110	2312	254,32	2300	253	265,2	264,80
SIH-IP-01	3211121P009	110	3313100J008	110	SST	110	2312	254,32	2300	253	266,9	264,48
SIH-IP-01	3211121P009	111	3313100J008	111	SST	110	2312	254,32	2300	253	264,3	263,51
SIH-IP-01	3211121P009	112	3313100J008	112	SST	110	2312	254,32	2300	253	265,8	263,94
SIH-IP-01	3211121P009	113	3313100J008	113	SST	110	2312	254,32	2300	253	264,2	263,57
SIH-IP-01	3211121P009	114	3313100J008	114	SST	110	2312	254,32	2300	253	266	263,79
SIH-IP-01	3211121P009	116	3313100J008	116	SST	110	2312	254,32	2300	253	261,6	259,29
SIH-IP-01	3211121P009	117	3313100J008	117	SST	110	2312	254,32	2300	253	261,4	260,76
SIH-IP-01	3211121P009	118	3313100J008	118	SST	110	2312	254,32	2300	253	262,8	260,30
SIH-IP-01	3211121P009	119	3313100J008	119	SST	110	2312	254,32	2300	253	261,1	260,28
SIH-IP-01	3211121P009	120	3313100J008	120	SST	110	2312	254,32	2300	253	262,4	260,25
SIH-IP-01	3211121P009	121	3313100J008	121	SST	110	2312	254,32	2300	253	265,3	264,59
SIH-IP-01	3211121P009	122	3313100J008	122							20,25	20,32
SIH-IP-01	3211121P009	123	3313100J008	123	SST	55	2312	127,16	2300	126,5	132,3	131,01
SIH-IP-01	3211121P009	124	3313100J008	124	SST	110	2312	254,32	2300	253	260,7	259,95
SIH-IP-01	3211121P009	125	3313100J008	125	SST	110	2312	254,32	2300	253	266	263,98
SIH-IP-01	3211121P009	126	3313100J008	126	SST	110	2312	254,32	2300	253	260,8	260,32
SIH-IP-01	3211121P009	127	3313100J008	127	SST	110	2312	254,32	2300	253	266	263,79
SIH-IP-01	3211121P009	128	3313100J008	128	SST	110	2312	254,32	2300	253	261,7	260,88
SIH-IP-01	3211121P009	GND	3313100J008	GND							2,748	0,93
SIH-IP-02	2211121P008	001	3313100J007	001							20,83	20,92
SIH-IP-02	2211121P008	002	3313100J007	002	SST	110	2656	292,16	2300	253	271,8	269,94
SIH-IP-02	2211121P008	003	3313100J007	003	SST	110	2656	292,16	2300	253	269,3	269,27
SIH-IP-02	2211121P008	004	3313100J007	004	SST	110	2656	292,16	2300	253	271,7	270,66

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-02	2211121P008	005	3313100J007	005	SST	110	2656	292,16	2300	253	267,8	266,44
SIH-IP-02	2211121P008	006	3313100J007	006	SST	110	2656	292,16	2300	253	271,3	269,66
SIH-IP-02	2211121P008	007	3313100J007	007	SST	110	2656	292,16	2300	253	270,6	270,23
SIH-IP-02	2211121P008	009	3313100J007	009	SST	55	2656	146,08	2300	126,5	134,7	134,12
SIH-IP-02	2211121P008	010	3313100J007	010	SST	55	2656	146,08	2300	126,5	134,1	133,28
SIH-IP-02	2211121P008	011	3313100J007	011	SST	110	2656	292,16	2300	253	270,4	268,82
SIH-IP-02	2211121P008	012	3313100J007	012	SST	110	2656	292,16	2300	253	266,5	266,30
SIH-IP-02	2211121P008	013	3313100J007	013	SST	110	2656	292,16	2300	253	266,7	266,36
SIH-IP-02	2211121P008	014	3313100J007	014	SST	110	2656	292,16	2300	253	270,3	269,95
SIH-IP-02	2211121P008	015	3313100J007	015	SST	110	2656	292,16	2300	253	267,1	266,78
SIH-IP-02	2211121P008	018	3313100J007	018	SST	110	2656	292,16	2300	253	269,9	269,72
SIH-IP-02	2211121P008	019	3313100J007	019	SST	110	2656	292,16	2300	253	272	269,74
SIH-IP-02	2211121P008	020	3313100J007	020	SST	110	2656	292,16	2300	253	266,1	265,67
SIH-IP-02	2211121P008	021	3313100J007	021	SST	110	2656	292,16	2300	253	271,1	270,79
SIH-IP-02	2211121P008	022	3313100J007	022	SST	110	2656	292,16	2300	253	265,1	264,83
SIH-IP-02	2211121P008	023	3313100J007	023	SST	110	2656	292,16	2300	253	273,8	270,75
SIH-IP-02	2211121P008	024	3313100J007	024	SST	110	2656	292,16	2300	253	267,6	265,55
SIH-IP-02	2211121P008	027	3313100J007	027	SST	110	2656	292,16	2300	253	269,4	269,32
SIH-IP-02	2211121P008	028	3313100J007	028	SST	110	2656	292,16	2300	253	268,9	268,58
SIH-IP-02	2211121P008	029	3313100J007	029	SST	110	2656	292,16	2300	253	271,9	270,06
SIH-IP-02	2211121P008	030	3313100J007	030							25,29	25,53
SIH-IP-02	2211121P008	031	3313100J007	031	SST	110	2656	292,16	2300	253	272,9	271,93
SIH-IP-02	2211121P008	032	3313100J007	032	SST	110	2656	292,16	2300	253	273,5	271,87
SIH-IP-02	2211121P008	033	3313100J007	033	SST	110	2656	292,16	2300	253	273,3	271,45
SIH-IP-02	2211121P008	034	3313100J007	034	SST	110	2656	292,16	2300	253	271,5	271,47
SIH-IP-02	2211121P008	037	3313100J007	037							33,39	33,16
SIH-IP-02	2211121P008	038	3313100J007	038	SST	110	2656	292,16	2300	253	270,7	268,81
SIH-IP-02	2211121P008	039	3313100J007	039	SST	110	2656	292,16	2300	253	268,6	268,09
SIH-IP-02	2211121P008	040	3313100J007	040	SST	110	2656	292,16	2300	253	269,9	269,57
SIH-IP-02	2211121P008	041	3313100J007	041	SST	110	2656	292,16	2300	253	269,6	267,46
SIH-IP-02	2211121P008	042	3313100J007	042	SST	110	2656	292,16	2300	253	272,9	271,35
SIH-IP-02	2211121P008	043	3313100J007	043	SST	110	2656	292,16	2300	253	273,8	272,23
SIH-IP-02	2211121P008	044	3313100J007	044	SST	110	2656	292,16	2300	253	271,4	271,03
SIH-IP-02	2211121P008	045	3313100J007	045	SST	55	2656	146,08	2300	126,5	136,3	135,25
SIH-IP-02	2211121P008	051	3313100J007	051							31,23	31,09
SIH-IP-02	2211121P008	052	3313100J007	052	BRASS	7,8	2656	20,7168	2300	17,94	17,97	18,07

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-02	2211121P008	053	3313100J007	053	SST	110	2656	292,16	2300	253	267	267,22
SIH-IP-02	2211121P008	054	3313100J007	054							30,68	30,69
SIH-IP-02	2211121P008	055	3313100J007	055	SST	110	2656	292,16	2300	253	269,5	267,96
SIH-IP-02	2211121P008	058	3313100J007	058							30,28	30,66
SIH-IP-02	2211121P008	059	3313100J007	059	SST	110	2656	292,16	2300	253	268	265,84
SIH-IP-02	2211121P008	060	3313100J007	060							32,48	32,54
SIH-IP-02	2211121P008	061	3313100J007	061	SST	110	2656	292,16	2300	253	268,3	266,50
SIH-IP-02	2211121P008	062	3313100J007	062							29,52	29,65
SIH-IP-02	2211121P008	064	3313100J007	064							32,22	32,18
SIH-IP-02	2211121P008	065	3313100J007	065							31,99	31,85
SIH-IP-02	2211121P008	066	3313100J007	066							30,72	30,73
SIH-IP-02	2211121P008	068	3313100J007	068	SST	55	2656	146,08	2300	126,5	135,9	134,85
SIH-IP-02	2211121P008	069	3313100J007	069							32,28	32,17
SIH-IP-02	2211121P008	070	3313100J007	070							31,84	31,84
SIH-IP-02	2211121P008	071	3313100J007	071							30,16	30,39
SIH-IP-02	2211121P008	072	3313100J007	072	SST	110	2656	292,16	2300	253	267,5	265,78
SIH-IP-02	2211121P008	073	3313100J007	073							30,31	30,42
SIH-IP-02	2211121P008	074	3313100J007	074	SST	110	2656	292,16	2300	253	266,7	266,73
SIH-IP-02	2211121P008	075	3313100J007	075							30,8	30,83
SIH-IP-02	2211121P008	076	3313100J007	076	SST	110	2656	292,16	2300	253	266,8	266,85
SIH-IP-02	2211121P008	077	3313100J007	077							39,09	39,10
SIH-IP-02	2211121P008	078	3313100J007	078							39,05	38,60
SIH-IP-02	2211121P008	079	3313100J007	079							30,68	30,86
SIH-IP-02	2211121P008	080	3313100J007	080	BRASS	7,8	2656	20,7168	2300	17,94	17,88	18,02
SIH-IP-02	2211121P008	081	3313100J007	081							30,36	30,27
SIH-IP-02	2211121P008	082	3313100J007	082							32,5	32,54
SIH-IP-02	2211121P008	083	3313100J007	083							30,87	30,82
SIH-IP-02	2211121P008	084	3313100J007	084							32,36	32,45
SIH-IP-02	2211121P008	085	3313100J007	085							31,94	32,01
SIH-IP-02	2211121P008	086	3313100J007	086	SST	55	2656	146,08	2300	126,5	134,4	134,37
SIH-IP-02	2211121P008	087	3313100J007	087	SST	110	2656	292,16	2300	253	267	263,90
SIH-IP-02	2211121P008	088	3313100J007	088							31,69	31,84
SIH-IP-02	2211121P008	089	3313100J007	089							31,97	31,96
SIH-IP-02	2211121P008	090	3313100J007	090	SST	110	2656	292,16	2300	253	265,3	265,24
SIH-IP-02	2211121P008	091	3313100J007	091							32,32	32,08
SIH-IP-02	2211121P008	092	3313100J007	092							30,61	30,51

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-02	2211121P008	093	3313100J007	093	SST	110	2656	292,16	2300	253	266,7	266,61
SIH-IP-02	2211121P008	094	3313100J007	094							30,15	30,20
SIH-IP-02	2211121P008	095	3313100J007	095							30,86	30,47
SIH-IP-02	2211121P008	096	3313100J007	096	SST	110	2656	292,16	2300	253	265,7	265,80
SIH-IP-02	2211121P008	097	3313100J007	097							32,05	32,07
SIH-IP-02	2211121P008	098	3313100J007	098							29,94	30,36
SIH-IP-02	2211121P008	099	3313100J007	099	SST	110	2656	292,16	2300	253	267,4	265,73
SIH-IP-02	2211121P008	100	3313100J007	100							32,36	32,10
SIH-IP-02	2211121P008	GND	3313100J007	GND							2,775	0,94
SIH-IP-03	3211121P002	003	3313100J002	003							21,93	21,76
SIH-IP-03	3211121P002	004	3313100J002	004	SST	55	2188	120,34	1860	102,3	110,1	109,50
SIH-IP-03	3211121P002	005	3313100J002	005	SST	55	2188	120,34	1860	102,3	110,3	109,49
SIH-IP-03	3211121P002	006	3313100J002	006	SST	55	2188	120,34	1860	102,3	109	108,37
SIH-IP-03	3211121P002	007	3313100J002	007	SST	55	2188	120,34	1860	102,3	109	107,83
SIH-IP-03	3211121P002	009	3313100J002	009							33,82	33,83
SIH-IP-03	3211121P002	010	3313100J002	010	SST	110	2188	240,68	1860	204,6	217,7	217,45
SIH-IP-03	3211121P002	011	3313100J002	011	SST	110	2188	240,68	1860	204,6	216,8	216,53
SIH-IP-03	3211121P002	012	3313100J002	012	SST	110	2188	240,68	1860	204,6	219,2	218,82
SIH-IP-03	3211121P002	013	3313100J002	013	SST	110	2188	240,68	1860	204,6	217,7	215,34
SIH-IP-03	3211121P002	014	3313100J002	014	SST	110	2188	240,68	1860	204,6	216,4	214,71
SIH-IP-03	3211121P002	017	3313100J002	017	SST	55	2188	120,34	1860	102,3	109,7	109,24
SIH-IP-03	3211121P002	018	3313100J002	018	SST	55	2188	120,34	1860	102,3	110,2	109,10
SIH-IP-03	3211121P002	019	3313100J002	019	SST	110	2188	240,68	1860	204,6	219,8	218,94
SIH-IP-03	3211121P002	020	3313100J002	020	SST	110	2188	240,68	1860	204,6	215,9	214,45
SIH-IP-03	3211121P002	021	3313100J002	021	SST	110	2188	240,68	1860	204,6	217,4	217,08
SIH-IP-03	3211121P002	022	3313100J002	022	SST	110	2188	240,68	1860	204,6	218,2	216,68
SIH-IP-03	3211121P002	023	3313100J002	023	SST	110	2188	240,68	1860	204,6	218,3	217,15
SIH-IP-03	3211121P002	028	3313100J002	028							33,94	34,04
SIH-IP-03	3211121P002	039	3313100J002	039							26,6	26,64
SIH-IP-03	3211121P002	040	3313100J002	040	SST	110	2188	240,68	1860	204,6	214,8	213,19
SIH-IP-03	3211121P002	041	3313100J002	041			2188	0			26,34	26,27
SIH-IP-03	3211121P002	042	3313100J002	042	SST	110	2188	240,68	1860	204,6	213,9	213,69
SIH-IP-03	3211121P002	043	3313100J002	043							26,57	26,34
SIH-IP-03	3211121P002	044	3313100J002	044	SST	110	2188	240,68	1860	204,6	214,5	213,05
SIH-IP-03	3211121P002	045	3313100J002	045							28,36	28,30

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-03	3211121P002	046	3313100J002	046							26,92	27,15
SIH-IP-03	3211121P002	047	3313100J002	047	SST	110	2188	240,68	1860	204,6	214,3	214,13
SIH-IP-03	3211121P002	048	3313100J002	048	SST	110	2188	240,68	1860	204,6	216,7	213,67
SIH-IP-03	3211121P002	049	3313100J002	049							26,93	26,78
SIH-IP-03	3211121P002	050	3313100J002	050	SST	110	2188	240,68	1860	204,6	213,3	212,37
SIH-IP-03	3211121P002	051	3313100J002	051							28,72	28,74
SIH-IP-03	3211121P002	052	3313100J002	052							28,63	28,65
SIH-IP-03	3211121P002	053	3313100J002	053							26,85	26,80
SIH-IP-03	3211121P002	054	3313100J002	054							28,09	28,40
SIH-IP-03	3211121P002	055	3313100J002	055							28,85	28,97
SIH-IP-03	3211121P002	056	3313100J002	056							26,51	26,63
SIH-IP-03	3211121P002	057	3313100J002	057	SST	110	2188	240,68	1860	204,6	215,2	213,04
SIH-IP-03	3211121P002	058	3313100J002	058							29,01	29,09
SIH-IP-03	3211121P002	060	3313100J002	060							28,75	28,92
SIH-IP-03	3211121P002	062	3313100J002	062							27,01	26,83
SIH-IP-03	3211121P002	063	3313100J002	063	SST	110	2188	240,68	1860	204,6	213,6	212,10
SIH-IP-03	3211121P002	064	3313100J002	064							28,79	28,58
SIH-IP-03	3211121P002	065	3313100J002	065							27,04	26,87
SIH-IP-03	3211121P002	066	3313100J002	066	SST	110	2188	240,68	1860	204,6	214,8	213,48
SIH-IP-03	3211121P002	067	3313100J002	067							28,65	28,70
SIH-IP-03	3211121P002	068	3313100J002	068							28,75	28,78
SIH-IP-03	3211121P002	069	3313100J002	069							27,03	26,83
SIH-IP-03	3211121P002	070	3313100J002	070	SST	110	2188	240,68	1860	204,6	214,7	214,50
SIH-IP-03	3211121P002	071	3313100J002	071	SST	110	2188	240,68	1860	204,6	212,8	212,59
SIH-IP-03	3211121P002	072	3313100J002	072							28,67	28,84
SIH-IP-03	3211121P002	073	3313100J002	073	SST	110	2188	240,68	1860	204,6	213	212,79
SIH-IP-03	3211121P002	074	3313100J002	074							28,55	28,57
SIH-IP-03	3211121P002	075	3313100J002	075							26,62	26,59
SIH-IP-03	3211121P002	076	3313100J002	076	SST	110	2188	240,68	1860	204,6	213,2	213,09
SIH-IP-03	3211121P002	077	3313100J002	077							28,92	28,99
SIH-IP-03	3211121P002	078	3313100J002	078							27,01	26,84
SIH-IP-03	3211121P002	079	3313100J002	079	SST	110	2188	240,68	1860	204,6	216,3	214,74
SIH-IP-03	3211121P002	080	3313100J002	080							27,1	27,07
SIH-IP-03	3211121P002	081	3313100J002	081							28,93	28,96
SIH-IP-03	3211121P002	083	3313100J002	083							26,78	26,83
SIH-IP-03	3211121P002	084	3313100J002	084							27,05	26,90

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-03	3211121P002	085	3313100J002	085							22,79	22,72
SIH-IP-03	3211121P002	086	3313100J002	086	SST	110	2188	240,68	1860	204,6	219	217,31
SIH-IP-03	3211121P002	087	3313100J002	087	SST	110	2188	240,68	1860	204,6	219,7	217,90
SIH-IP-03	3211121P002	088	3313100J002	088	SST	110	2188	240,68	1860	204,6	216,5	214,73
SIH-IP-03	3211121P002	089	3313100J002	089	SST	110	2188	240,68	1860	204,6	218,6	217,34
SIH-IP-03	3211121P002	090	3313100J002	090							28,69	28,71
SIH-IP-03	3211121P002	091	3313100J002	091	SST	110	2188	240,68	1860	204,6	218,1	216,57
SIH-IP-03	3211121P002	092	3313100J002	092	SST	110	2188	240,68	1860	204,6	219,6	217,72
SIH-IP-03	3211121P002	093	3313100J002	093	SST	110	2188	240,68	1860	204,6	218	217,38
SIH-IP-03	3211121P002	095	3313100J002	095	SST	110	2188	240,68	1860	204,6	212	211,69
SIH-IP-03	3211121P002	096	3313100J002	096							28,92	29,00
SIH-IP-03	3211121P002	097	3313100J002	097	SST	55	2188	120,34	1860	102,3	109,1	108,97
SIH-IP-03	3211121P002	098	3313100J002	098	SST	110	2188	240,68	1860	204,6	218,1	217,69
SIH-IP-03	3211121P002	099	3313100J002	099	SST	110	2188	240,68	1860	204,6	218,5	217,98
SIH-IP-03	3211121P002	100	3313100J002	100	SST	110	2188	240,68	1860	204,6	216,6	214,01
SIH-IP-03	3211121P002	101	3313100J002	101	SST	110	2188	240,68	1860	204,6	217,2	216,82
SIH-IP-03	3211121P002	102	3313100J002	102	SST	110	2188	240,68	1860	204,6	218,5	218,12
SIH-IP-03	3211121P002	103	3313100J002	103	SST	110	2188	240,68	1860	204,6	218,8	216,78
SIH-IP-03	3211121P002	104	3313100J002	104	SST	110	2188	240,68	1860	204,6	219	218,62
SIH-IP-03	3211121P002	107	3313100J002	107	SST	55	2188	120,34	1860	102,3	109,4	107,87
SIH-IP-03	3211121P002	108	3313100J002	108	SST	110	2188	240,68	1860	204,6	214,3	212,73
SIH-IP-03	3211121P002	109	3313100J002	109	SST	110	2188	240,68	1860	204,6	213,6	212,14
SIH-IP-03	3211121P002	110	3313100J002	110	SST	110	2188	240,68	1860	204,6	213	212,67
SIH-IP-03	3211121P002	111	3313100J002	111	SST	110	2188	240,68	1860	204,6	216,6	215,29
SIH-IP-03	3211121P002	112	3313100J002	112	SST	110	2188	240,68	1860	204,6	214,5	213,12
SIH-IP-03	3211121P002	113	3313100J002	113	SST	110	2188	240,68	1860	204,6	213	211,78
SIH-IP-03	3211121P002	114	3313100J002	114	SST	110	2188	240,68	1860	204,6	216,7	216,23
SIH-IP-03	3211121P002	116	3313100J002	116	SST	110	2188	240,68	1860	204,6	217,7	215,85
SIH-IP-03	3211121P002	117	3313100J002	117	SST	110	2188	240,68	1860	204,6	213,1	212,74
SIH-IP-03	3211121P002	118	3313100J002	118	SST	110	2188	240,68	1860	204,6	217,6	216,07
SIH-IP-03	3211121P002	119	3313100J002	119	SST	110	2188	240,68	1860	204,6	216,2	215,69
SIH-IP-03	3211121P002	120	3313100J002	120	SST	110	2188	240,68	1860	204,6	214,5	213,11
SIH-IP-03	3211121P002	121	3313100J002	121	SST	110	2188	240,68	1860	204,6	218,1	216,43
SIH-IP-03	3211121P002	122	3313100J002	122							18,27	18,33
SIH-IP-03	3211121P002	123	3313100J002	123	SST	55	2188	120,34	1860	102,3	107,5	107,27
SIH-IP-03	3211121P002	124	3313100J002	124	SST	110	2188	240,68	1860	204,6	216	213,26

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-03	3211121P002	125	3313100J002	125	SST	110	2188	240,68	1860	204,6	217,6	215,81
SIH-IP-03	3211121P002	126	3313100J002	126	SST	110	2188	240,68	1860	204,6	218,4	216,53
SIH-IP-03	3211121P002	127	3313100J002	127	SST	110	2188	240,68	1860	204,6	216,8	216,12
SIH-IP-03	3211121P002	128	3313100J002	128	SST	110	2188	240,68	1860	204,6	213,4	212,77
SIH-IP-03	3211121P002	GND	3313100J002	GND							2,653	1,14
SIH-IP-04	3211121P001	001	3313100J001	001							18,53	18,50
SIH-IP-04	3211121P001	002	3313100J001	002	SST	110	2112	232,32	1840	202,4	217,3	215,29
SIH-IP-04	3211121P001	003	3313100J001	003	SST	110	2112	232,32	1840	202,4	217,6	215,98
SIH-IP-04	3211121P001	004	3313100J001	004	SST	110	2112	232,32	1840	202,4	219,9	218,35
SIH-IP-04	3211121P001	005	3313100J001	005	SST	110	2112	232,32	1840	202,4	218,1	216,12
SIH-IP-04	3211121P001	006	3313100J001	006	SST	110	2112	232,32	1840	202,4	216,7	215,36
SIH-IP-04	3211121P001	007	3313100J001	007	SST	110	2112	232,32	1840	202,4	216,4	215,27
SIH-IP-04	3211121P001	009	3313100J001	009	SST	55	2112	116,16	1840	101,2	108,4	108,15
SIH-IP-04	3211121P001	010	3313100J001	010	SST	55	2112	116,16	1840	101,2	109,1	109,04
SIH-IP-04	3211121P001	011	3313100J001	011	SST	110	2112	232,32	1840	202,4	218,5	218,29
SIH-IP-04	3211121P001	012	3313100J001	012	SST	110	2112	232,32	1840	202,4	219,2	218,02
SIH-IP-04	3211121P001	013	3313100J001	013	SST	110	2112	232,32	1840	202,4	220,3	218,49
SIH-IP-04	3211121P001	014	3313100J001	014	SST	110	2112	232,32	1840	202,4	218,8	218,34
SIH-IP-04	3211121P001	015	3313100J001	015	SST	110	2112	232,32	1840	202,4	216,5	214,67
SIH-IP-04	3211121P001	018	3313100J001	018	SST	110	2112	232,32	1840	202,4	216,3	214,77
SIH-IP-04	3211121P001	019	3313100J001	019	SST	110	2112	232,32	1840	202,4	215,8	215,20
SIH-IP-04	3211121P001	020	3313100J001	020	SST	110	2112	232,32	1840	202,4	218,5	218,00
SIH-IP-04	3211121P001	021	3313100J001	021	SST	110	2112	232,32	1840	202,4	217,1	215,09
SIH-IP-04	3211121P001	022	3313100J001	022	SST	110	2112	232,32	1840	202,4	219,1	218,30
SIH-IP-04	3211121P001	023	3313100J001	023	SST	110	2112	232,32	1840	202,4	215,6	215,03
SIH-IP-04	3211121P001	024	3313100J001	024	SST	110	2112	232,32	1840	202,4	219,9	218,04
SIH-IP-04	3211121P001	027	3313100J001	027	SST	110	2112	232,32	1840	202,4	220	218,06
SIH-IP-04	3211121P001	028	3313100J001	028	SST	110	2112	232,32	1840	202,4	220,9	219,87
SIH-IP-04	3211121P001	029	3313100J001	029	SST	110	2112	232,32	1840	202,4	219,5	217,78
SIH-IP-04	3211121P001	030	3313100J001	030							22,43	22,52
SIH-IP-04	3211121P001	031	3313100J001	031	SST	110	2112	232,32	1840	202,4	220,3	218,71
SIH-IP-04	3211121P001	032	3313100J001	032	SST	110	2112	232,32	1840	202,4	216,5	216,03
SIH-IP-04	3211121P001	033	3313100J001	033	SST	110	2112	232,32	1840	202,4	219,5	219,08
SIH-IP-04	3211121P001	034	3313100J001	034	SST	110	2112	232,32	1840	202,4	220,3	218,83
SIH-IP-04	3211121P001	037	3313100J001	037							28,43	28,44

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASSED / IDAS)
SIH-IP-04	3211121P001	038	3313100J001	038	SST	110	2112	232,32	1840	202,4	220	219,58
SIH-IP-04	3211121P001	039	3313100J001	039	SST	110	2112	232,32	1840	202,4	220,2	218,82
SIH-IP-04	3211121P001	040	3313100J001	040	SST	110	2112	232,32	1840	202,4	221,1	219,07
SIH-IP-04	3211121P001	041	3313100J001	041	SST	110	2112	232,32	1840	202,4	219,9	219,03
SIH-IP-04	3211121P001	042	3313100J001	042	SST	110	2112	232,32	1840	202,4	215,9	215,78
SIH-IP-04	3211121P001	043	3313100J001	043	SST	110	2112	232,32	1840	202,4	219,7	219,06
SIH-IP-04	3211121P001	044	3313100J001	044	SST	110	2112	232,32	1840	202,4	220,7	219,05
SIH-IP-04	3211121P001	045	3313100J001	045	SST	55	2112	116,16	1840	101,2	110,5	109,60
SIH-IP-04	3211121P001	051	3313100J001	051							26,84	26,91
SIH-IP-04	3211121P001	052	3313100J001	052	SST	110	2112	232,32	1840	202,4	216,3	214,92
SIH-IP-04	3211121P001	053	3313100J001	053	SST	110	2112	232,32	1840	202,4	215	214,83
SIH-IP-04	3211121P001	054	3313100J001	054							27,21	27,12
SIH-IP-04	3211121P001	055	3313100J001	055	SST	110	2112	232,32	1840	202,4	216,9	215,80
SIH-IP-04	3211121P001	058	3313100J001	058							25,87	25,98
SIH-IP-04	3211121P001	059	3313100J001	059	SST	110	2112	232,32	1840	202,4	215,7	213,93
SIH-IP-04	3211121P001	060	3313100J001	060							28,74	28,58
SIH-IP-04	3211121P001	061	3313100J001	061	SST	110	2112	232,32	1840	202,4	215,5	215,17
SIH-IP-04	3211121P001	062	3313100J001	062							29,24	29,13
SIH-IP-04	3211121P001	064	3313100J001	064							28,97	28,93
SIH-IP-04	3211121P001	065	3313100J001	065							28,46	28,59
SIH-IP-04	3211121P001	066	3313100J001	066							27,21	27,09
SIH-IP-04	3211121P001	068	3313100J001	068	SST	55	2112	116,16	1840	101,2	109,9	108,76
SIH-IP-04	3211121P001	069	3313100J001	069							28,82	28,80
SIH-IP-04	3211121P001	070	3313100J001	070							26,73	26,68
SIH-IP-04	3211121P001	071	3313100J001	071							26,94	26,84
SIH-IP-04	3211121P001	072	3313100J001	072	SST	110	2112	232,32	1840	202,4	214,7	214,26
SIH-IP-04	3211121P001	073	3313100J001	073							26,03	25,99
SIH-IP-04	3211121P001	074	3313100J001	074	SST	110	2112	232,32	1840	202,4	216,3	215,95
SIH-IP-04	3211121P001	075	3313100J001	075							26,91	26,62
SIH-IP-04	3211121P001	076	3313100J001	076	SST	110	2112	232,32	1840	202,4	215,4	215,19
SIH-IP-04	3211121P001	077	3313100J001	077							34,15	34,20
SIH-IP-04	3211121P001	078	3313100J001	078							34,26	34,19
SIH-IP-04	3211121P001	079	3313100J001	079							28,52	28,63
SIH-IP-04	3211121P001	080	3313100J001	080	SST	110	2112	232,32	1840	202,4	216,7	215,73
SIH-IP-04	3211121P001	081	3313100J001	081							26,8	26,75
SIH-IP-04	3211121P001	082	3313100J001	082							28,59	28,93

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASSED / IDAS)
SIH-IP-04	3211121P001	083	3313100J001	083							27,04	27,10
SIH-IP-04	3211121P001	084	3313100J001	084							28,5	28,62
SIH-IP-04	3211121P001	085	3313100J001	085							28,97	28,84
SIH-IP-04	3211121P001	086	3313100J001	086	SST	55	2112	116,16	1840	101,2	109,7	109,41
SIH-IP-04	3211121P001	087	3313100J001	087	SST	110	2112	232,32	1840	202,4	214,6	214,30
SIH-IP-04	3211121P001	088	3313100J001	088							28,88	28,77
SIH-IP-04	3211121P001	089	3313100J001	089							29,07	28,85
SIH-IP-04	3211121P001	090	3313100J001	090	SST	110	2112	232,32	1840	202,4	218	216,21
SIH-IP-04	3211121P001	091	3313100J001	091							28,49	28,63
SIH-IP-04	3211121P001	092	3313100J001	092							26,73	26,72
SIH-IP-04	3211121P001	093	3313100J001	093	SST	110	2112	232,32	1840	202,4	216,7	215,33
SIH-IP-04	3211121P001	094	3313100J001	094							26,45	26,50
SIH-IP-04	3211121P001	095	3313100J001	095							26,8	26,66
SIH-IP-04	3211121P001	096	3313100J001	096	SST	110	2112	232,32	1840	202,4	215,8	214,11
SIH-IP-04	3211121P001	097	3313100J001	097							28,88	28,94
SIH-IP-04	3211121P001	098	3313100J001	098							26,68	26,70
SIH-IP-04	3211121P001	099	3313100J001	099	SST	110	2112	232,32	1840	202,4	217,2	215,86
SIH-IP-04	3211121P001	100	3313100J001	100							29,1	28,87
SIH-IP-04	3211121P001	GND	3313100J001	GND							2,572	0,78
SIH-IP-05	3211121P005	001	3313200J004	001	SST	110	2705	297,55	2360	259,6	273	270,85
SIH-IP-05	3211121P005	002	3313200J004	002	SST	110	2705	297,55	2360	259,6	275,8	274,12
SIH-IP-05	3211121P005	003	3313200J004	003	SST	110	2705	297,55	2360	259,6	277,1	274,86
SIH-IP-05	3211121P005	004	3313200J004	004	SST	110	2705	297,55	2360	259,6	273,9	271,29
SIH-IP-05	3211121P005	005	3313200J004	005	SST	110	2705	297,55	2360	259,6	278,1	275,58
SIH-IP-05	3211121P005	006	3313200J004	006	SST	110	2705	297,55	2360	259,6	272,7	271,41
SIH-IP-05	3211121P005	007	3313200J004	007	SST	110	2705	297,55	2360	259,6	276,4	274,19
SIH-IP-05	3211121P005	008	3313200J004	008	SST	110	2705	297,55	2360	259,6	272,9	271,46
SIH-IP-05	3211121P005	009	3313200J004	009	SST	110	2705	297,55	2360	259,6	271,9	271,40
SIH-IP-05	3211121P005	010	3313200J004	010	SST	110	2705	297,55	2360	259,6	272,2	270,20
SIH-IP-05	3211121P005	011	3313200J004	011	SST	110	2705	297,55	2360	259,6	272	270,46
SIH-IP-05	3211121P005	012	3313200J004	012							24,64	24,67
SIH-IP-05	3211121P005	013	3313200J004	013	SST	110	2705	297,55	2360	259,6	276,9	274,73
SIH-IP-05	3211121P005	014	3313200J004	014	SST	110	2705	297,55	2360	259,6	279,9	274,99
SIH-IP-05	3211121P005	015	3313200J004	015	SST	110	2705	297,55	2360	259,6	275,8	273,65
SIH-IP-05	3211121P005	016	3313200J004	016	SST	110	2705	297,55	2360	259,6	272,4	271,06

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-05	3211121P005	017	3313200J004	017	SST	110	2705	297,55	2360	259,6	270,8	269,09
SIH-IP-05	3211121P005	018	3313200J004	018	SST	110	2705	297,55	2360	259,6	275,2	274,58
SIH-IP-05	3211121P005	019	3313200J004	019	SST	110	2705	297,55	2360	259,6	273,3	272,74
SIH-IP-05	3211121P005	022	3313200J004	022	SST	110	2705	297,55	2360	259,6	272,3	272,25
SIH-IP-05	3211121P005	023	3313200J004	023	SST	110	2705	297,55	2360	259,6	272,4	271,77
SIH-IP-05	3211121P005	024	3313200J004	024	SST	110	2705	297,55	2360	259,6	274,2	273,56
SIH-IP-05	3211121P005	025	3313200J004	025							25,04	24,93
SIH-IP-05	3211121P005	026	3313200J004	026	SST	110	2705	297,55	2360	259,6	275,7	273,56
SIH-IP-05	3211121P005	027	3313200J004	027	SST	110	2705	297,55	2360	259,6	271,9	271,35
SIH-IP-05	3211121P005	028	3313200J004	028	SST	110	2705	297,55	2360	259,6	274,3	271,87
SIH-IP-05	3211121P005	030	3313200J004	030							30,85	30,84
SIH-IP-05	3211121P005	032	3313200J004	032	SST	110	2705	297,55	2360	259,6	278,3	276,24
SIH-IP-05	3211121P005	033	3313200J004	033	SST	110	2705	297,55	2360	259,6	274	271,91
SIH-IP-05	3211121P005	034	3313200J004	034	SST	110	2705	297,55	2360	259,6	272,4	271,84
SIH-IP-05	3211121P005	035	3313200J004	035	SST	110	2705	297,55	2360	259,6	275	272,50
SIH-IP-05	3211121P005	040	3313200J004	040	SST	110	2705	297,55	2360	259,6	272,8	271,12
SIH-IP-05	3211121P005	041	3313200J004	041	BRASS	1,4	2705	3,787	2360	3,304	3,414	3,34
SIH-IP-05	3211121P005	042	3313200J004	042	SST	110	2705	297,55	2360	259,6	279,1	276,58
SIH-IP-05	3211121P005	043	3313200J004	043	SST	110	2705	297,55	2360	259,6	279	276,46
SIH-IP-05	3211121P005	044	3313200J004	044	SST	110	2705	297,55	2360	259,6	277,4	276,63
SIH-IP-05	3211121P005	045	3313200J004	045	SST	110	2705	297,55	2360	259,6	273,8	271,32
SIH-IP-05	3211121P005	046	3313200J004	046	SST	110	2705	297,55	2360	259,6	272,1	271,39
SIH-IP-05	3211121P005	047	3313200J004	047	SST	110	2705	297,55	2360	259,6	271,9	269,55
SIH-IP-05	3211121P005	050	3313200J004	050							39,34	38,66
SIH-IP-05	3211121P005	051	3313200J004	051	SST	110	2705	297,55	2360	259,6	272,7	271,48
SIH-IP-05	3211121P005	052	3313200J004	052	SST	110	2705	297,55	2360	259,6	272,8	270,67
SIH-IP-05	3211121P005	053	3313200J004	053	BRASS	1,4	2705	3,787	2360	3,304	3,424	3,43
SIH-IP-05	3211121P005	054	3313200J004	054	SST	110	2705	297,55	2360	259,6	273,2	272,61
SIH-IP-05	3211121P005	055	3313200J004	055	SST	110	2705	297,55	2360	259,6	279,3	276,92
SIH-IP-05	3211121P005	056	3313200J004	056	SST	110	2705	297,55	2360	259,6	272,1	271,25
SIH-IP-05	3211121P005	057	3313200J004	057	SST	110	2705	297,55	2360	259,6	272,9	272,15
SIH-IP-05	3211121P005	058	3313200J004	058	SST	110	2705	297,55	2360	259,6	276,6	275,76
SIH-IP-05	3211121P005	064	3313200J004	064							21,93	21,94
SIH-IP-05	3211121P005	065	3313200J004	065	SST	110	2705	297,55	2360	259,6	278,9	275,84
SIH-IP-05	3211121P005	066	3313200J004	066	SST	110	2705	297,55	2360	259,6	278,3	275,71
SIH-IP-05	3211121P005	067	3313200J004	067	SST	110	2705	297,55	2360	259,6	274,4	272,58

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-05	3211121P005	068	3313200J004	068	SST	110	2705	297,55	2360	259,6	277	276,01
SIH-IP-05	3211121P005	069	3313200J004	069	SST	110	2705	297,55	2360	259,6	271,9	271,77
SIH-IP-05	3211121P005	072	3313200J004	072							25,81	25,86
SIH-IP-05	3211121P005	077	3313200J004	077	SST	110	2705	297,55	2360	259,6	276,5	275,83
SIH-IP-05	3211121P005	078	3313200J004	078	SST	110	2705	297,55	2360	259,6	272,4	271,79
SIH-IP-05	3211121P005	079	3313200J004	079	SST	110	2705	297,55	2360	259,6	272,7	272,08
SIH-IP-05	3211121P005	080	3313200J004	080	SST	110	2705	297,55	2360	259,6	270	269,36
SIH-IP-05	3211121P005	081	3313200J004	081	SST	110	2705	297,55	2360	259,6	277,4	274,26
SIH-IP-05	3211121P005	084	3313200J004	084	SST	110	2705	297,55	2360	259,6	274,7	274,09
SIH-IP-05	3211121P005	085	3313200J004	085	SST	110	2705	297,55	2360	259,6	271,1	270,36
SIH-IP-05	3211121P005	086	3313200J004	086	SST	110	2705	297,55	2360	259,6	271,2	270,51
SIH-IP-05	3211121P005	087	3313200J004	087	SST	110	2705	297,55	2360	259,6	276	273,34
SIH-IP-05	3211121P005	088	3313200J004	088	SST	110	2705	297,55	2360	259,6	275,2	273,67
SIH-IP-05	3211121P005	089	3313200J004	089	SST	110	2705	297,55	2360	259,6	272,8	272,18
SIH-IP-05	3211121P005	090	3313200J004	090	SST	110	2705	297,55	2360	259,6	277,8	275,20
SIH-IP-05	3211121P005	091	3313200J004	091	SST	110	2705	297,55	2360	259,6	270	269,27
SIH-IP-05	3211121P005	092	3313200J004	092	SST	110	2705	297,55	2360	259,6	275,4	274,61
SIH-IP-05	3211121P005	093	3313200J004	093	SST	110	2705	297,55	2360	259,6	276,4	275,43
SIH-IP-05	3211121P005	094	3313200J004	094							24,94	24,69
SIH-IP-05	3211121P005	096	3313200J004	096	SST	110	2705	297,55	2360	259,6	274,5	273,91
SIH-IP-05	3211121P005	097	3313200J004	097	SST	110	2705	297,55	2360	259,6	275	274,21
SIH-IP-05	3211121P005	098	3313200J004	098	SST	110	2705	297,55	2360	259,6	274,4	273,92
SIH-IP-05	3211121P005	099	3313200J004	099	SST	110	2705	297,55	2360	259,6	275,8	273,43
SIH-IP-05	3211121P005	100	3313200J004	100	SST	110	2705	297,55	2360	259,6	274,8	273,35
SIH-IP-05	3211121P005	101	3313200J004	101	SST	110	2705	297,55	2360	259,6	276,4	275,70
SIH-IP-05	3211121P005	102	3313200J004	102	SST	110	2705	297,55	2360	259,6	277,1	274,52
SIH-IP-05	3211121P005	103	3313200J004	103	SST	110	2705	297,55	2360	259,6	273,1	272,52
SIH-IP-05	3211121P005	104	3313200J004	104	SST	110	2705	297,55	2360	259,6	273,7	271,29
SIH-IP-05	3211121P005	105	3313200J004	105	SST	110	2705	297,55	2360	259,6	272,3	271,68
SIH-IP-05	3211121P005	106	3313200J004	106	SST	110	2705	297,55	2360	259,6	273,7	271,00
SIH-IP-05	3211121P005	107	3313200J004	107	SST	110	2705	297,55	2360	259,6	274	273,01
SIH-IP-05	3211121P005	108	3313200J004	108	SST	110	2705	297,55	2360	259,6	272,4	271,69
SIH-IP-05	3211121P005	109	3313200J004	109	SST	110	2705	297,55	2360	259,6	271,4	268,42
SIH-IP-05	3211121P005	110	3313200J004	110	SST	110	2705	297,55	2360	259,6	273,1	271,42
SIH-IP-05	3211121P005	111	3313200J004	111							24,35	24,56
SIH-IP-05	3211121P005	112	3313200J004	112	SST	110	2705	297,55	2360	259,6	275,9	273,35

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-05	3211121P005	113	3313200J004	113	SST	110	2705	297,55	2360	259,6	273,5	272,13
SIH-IP-05	3211121P005	114	3313200J004	114	SST	110	2705	297,55	2360	259,6	275,7	274,76
SIH-IP-05	3211121P005	115	3313200J004	115	SST	110	2705	297,55	2360	259,6	277,3	274,94
SIH-IP-05	3211121P005	116	3313200J004	116	SST	110	2705	297,55	2360	259,6	272,7	272,04
SIH-IP-05	3211121P005	117	3313200J004	117	SST	110	2705	297,55	2360	259,6	278,4	275,29
SIH-IP-05	3211121P005	118	3313200J004	118	SST	110	2705	297,55	2360	259,6	271,8	270,87
SIH-IP-05	3211121P005	119	3313200J004	119	SST	110	2705	297,55	2360	259,6	274,9	274,06
SIH-IP-05	3211121P005	120	3313200J004	120	SST	110	2705	297,55	2360	259,6	276,4	273,54
SIH-IP-05	3211121P005	121	3313200J004	121	SST	110	2705	297,55	2360	259,6	276,5	274,93
SIH-IP-05	3211121P005	122	3313200J004	122	SST	110	2705	297,55	2360	259,6	277,2	274,20
SIH-IP-05	3211121P005	123	3313200J004	123	SST	110	2705	297,55	2360	259,6	276,4	274,61
SIH-IP-05	3211121P005	124	3313200J004	124	SST	110	2705	297,55	2360	259,6	271,8	270,85
SIH-IP-05	3211121P005	125	3313200J004	125	SST	110	2705	297,55	2360	259,6	273	271,86
SIH-IP-05	3211121P005	126	3313200J004	126	SST	110	2705	297,55	2360	259,6	272,5	271,55
SIH-IP-05	3211121P005	127	3313200J004	127	SST	110	2705	297,55	2360	259,6	275,5	273,03
SIH-IP-05	3211121P005	128	3313200J004	128	SST	110	2705	297,55	2360	259,6	276,1	274,35
SIH-IP-05	3211121P005	GND	3313200J004	GND							2,62	0,81
SIH-IP-06	3211121P006	001	3313200J006	001	SST	110	2726	299,86	2370	260,7	273	272,77
SIH-IP-06	3211121P006	002	3313200J006	002	SST	110	2726	299,86	2370	260,7	279	276,24
SIH-IP-06	3211121P006	003	3313200J006	003	SST	110	2726	299,86	2370	260,7	277,3	275,63
SIH-IP-06	3211121P006	004	3313200J006	004	SST	110	2726	299,86	2370	260,7	274,4	272,43
SIH-IP-06	3211121P006	005	3313200J006	005	SST	110	2726	299,86	2370	260,7	274,9	272,88
SIH-IP-06	3211121P006	006	3313200J006	006	SST	110	2726	299,86	2370	260,7	272,8	272,37
SIH-IP-06	3211121P006	007	3313200J006	007	SST	110	2726	299,86	2370	260,7	272,7	272,29
SIH-IP-06	3211121P006	008	3313200J006	008	SST	110	2726	299,86	2370	260,7	273,6	272,63
SIH-IP-06	3211121P006	009	3313200J006	009	SST	110	2726	299,86	2370	260,7	274,1	271,94
SIH-IP-06	3211121P006	010	3313200J006	010	SST	110	2726	299,86	2370	260,7	277,8	276,29
SIH-IP-06	3211121P006	011	3313200J006	011	SST	110	2726	299,86	2370	260,7	274,6	272,93
SIH-IP-06	3211121P006	012	3313200J006	012							24,76	24,67
SIH-IP-06	3211121P006	013	3313200J006	013	SST	110	2726	299,86	2370	260,7	274,7	274,25
SIH-IP-06	3211121P006	014	3313200J006	014	SST	110	2726	299,86	2370	260,7	273,7	273,26
SIH-IP-06	3211121P006	015	3313200J006	015	SST	110	2726	299,86	2370	260,7	277,9	275,78
SIH-IP-06	3211121P006	016	3313200J006	016	SST	110	2726	299,86	2370	260,7	274,9	273,12
SIH-IP-06	3211121P006	017	3313200J006	017	SST	110	2726	299,86	2370	260,7	276,3	274,43
SIH-IP-06	3211121P006	018	3313200J006	018	SST	110	2726	299,86	2370	260,7	273,4	272,80

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-06	3211121P006	019	3313200J006	019	SST	110	2726	299,86	2370	260,7	272,9	270,47
SIH-IP-06	3211121P006	022	3313200J006	022	SST	110	2726	299,86	2370	260,7	278	275,96
SIH-IP-06	3211121P006	023	3313200J006	023	SST	110	2726	299,86	2370	260,7	276,9	276,45
SIH-IP-06	3211121P006	024	3313200J006	024	SST	110	2726	299,86	2370	260,7	274,9	272,28
SIH-IP-06	3211121P006	025	3313200J006	025							24,73	24,80
SIH-IP-06	3211121P006	026	3313200J006	026	SST	110	2726	299,86	2370	260,7	277,9	275,28
SIH-IP-06	3211121P006	027	3313200J006	027	SST	110	2726	299,86	2370	260,7	273,8	272,66
SIH-IP-06	3211121P006	028	3313200J006	028	SST	110	2726	299,86	2370	260,7	274,8	272,85
SIH-IP-06	3211121P006	030	3313200J006	030							30,94	31,11
SIH-IP-06	3211121P006	032	3313200J006	032	SST	110	2726	299,86	2370	260,7	274,9	272,93
SIH-IP-06	3211121P006	033	3313200J006	033	SST	110	2726	299,86	2370	260,7	272,3	271,84
SIH-IP-06	3211121P006	034	3313200J006	034	SST	110	2726	299,86	2370	260,7	276,5	275,75
SIH-IP-06	3211121P006	035	3313200J006	035	SST	110	2726	299,86	2370	260,7	278	275,72
SIH-IP-06	3211121P006	040	3313200J006	040	SST	110	2726	299,86	2370	260,7	274,9	272,95
SIH-IP-06	3211121P006	041	3313200J006	041	BRASS	1,4	2726	3,8164	2370	3,318	3,455	3,38
SIH-IP-06	3211121P006	042	3313200J006	042	SST	110	2726	299,86	2370	260,7	275	272,88
SIH-IP-06	3211121P006	043	3313200J006	043	SST	110	2726	299,86	2370	260,7	274,1	271,82
SIH-IP-06	3211121P006	044	3313200J006	044	SST	110	2726	299,86	2370	260,7	273,6	272,81
SIH-IP-06	3211121P006	045	3313200J006	045	SST	110	2726	299,86	2370	260,7	272,7	270,65
SIH-IP-06	3211121P006	046	3313200J006	046	SST	110	2726	299,86	2370	260,7	274,4	273,68
SIH-IP-06	3211121P006	047	3313200J006	047	SST	110	2726	299,86	2370	260,7	276,7	275,00
SIH-IP-06	3211121P006	050	3313200J006	050							39,11	38,75
SIH-IP-06	3211121P006	051	3313200J006	051	SST	110	2726	299,86	2370	260,7	274,5	272,22
SIH-IP-06	3211121P006	052	3313200J006	052	SST	110	2726	299,86	2370	260,7	273,9	272,16
SIH-IP-06	3211121P006	053	3313200J006	053	BRASS	1,4	2726	3,8164	2370	3,318	3,461	3,46
SIH-IP-06	3211121P006	054	3313200J006	054	SST	110	2726	299,86	2370	260,7	277	275,96
SIH-IP-06	3211121P006	055	3313200J006	055	SST	110	2726	299,86	2370	260,7	273,4	273,02
SIH-IP-06	3211121P006	056	3313200J006	056	SST	110	2726	299,86	2370	260,7	276,7	276,13
SIH-IP-06	3211121P006	057	3313200J006	057	SST	110	2726	299,86	2370	260,7	273,6	273,07
SIH-IP-06	3211121P006	058	3313200J006	058	SST	110	2726	299,86	2370	260,7	272,8	272,14
SIH-IP-06	3211121P006	064	3313200J006	064							22,04	22,09
SIH-IP-06	3211121P006	065	3313200J006	065	SST	110	2726	299,86	2370	260,7	276,1	275,59
SIH-IP-06	3211121P006	066	3313200J006	066	SST	110	2726	299,86	2370	260,7	279	276,70
SIH-IP-06	3211121P006	067	3313200J006	067	SST	110	2726	299,86	2370	260,7	275,4	273,14
SIH-IP-06	3211121P006	068	3313200J006	068	SST	110	2726	299,86	2370	260,7	275,5	273,12
SIH-IP-06	3211121P006	069	3313200J006	069	SST	110	2726	299,86	2370	260,7	274,8	273,38

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-06	3211121P006	072	3313200J006	072							25,61	25,51
SIH-IP-06	3211121P006	077	3313200J006	077	SST	110	2726	299,86	2370	260,7	279,3	277,27
SIH-IP-06	3211121P006	078	3313200J006	078	SST	110	2726	299,86	2370	260,7	278,9	277,10
SIH-IP-06	3211121P006	079	3313200J006	079	SST	110	2726	299,86	2370	260,7	276,5	276,05
SIH-IP-06	3211121P006	080	3313200J006	080	SST	110	2726	299,86	2370	260,7	275,9	273,72
SIH-IP-06	3211121P006	081	3313200J006	081	SST	110	2726	299,86	2370	260,7	277,6	277,06
SIH-IP-06	3211121P006	084	3313200J006	084	SST	110	2726	299,86	2370	260,7	277,2	274,90
SIH-IP-06	3211121P006	085	3313200J006	085	SST	110	2726	299,86	2370	260,7	272,5	271,31
SIH-IP-06	3211121P006	086	3313200J006	086	SST	110	2726	299,86	2370	260,7	272,3	271,77
SIH-IP-06	3211121P006	087	3313200J006	087	SST	110	2726	299,86	2370	260,7	276,9	274,56
SIH-IP-06	3211121P006	088	3313200J006	088	SST	110	2726	299,86	2370	260,7	275,1	274,46
SIH-IP-06	3211121P006	089	3313200J006	089	SST	110	2726	299,86	2370	260,7	279	277,03
SIH-IP-06	3211121P006	090	3313200J006	090	SST	110	2726	299,86	2370	260,7	277	276,33
SIH-IP-06	3211121P006	091	3313200J006	091	SST	110	2726	299,86	2370	260,7	273,2	271,04
SIH-IP-06	3211121P006	092	3313200J006	092	SST	110	2726	299,86	2370	260,7	273,9	273,35
SIH-IP-06	3211121P006	093	3313200J006	093	SST	110	2726	299,86	2370	260,7	273,1	272,42
SIH-IP-06	3211121P006	094	3313200J006	094							23,97	24,01
SIH-IP-06	3211121P006	096	3313200J006	096	SST	110	2726	299,86	2370	260,7	276,8	274,67
SIH-IP-06	3211121P006	097	3313200J006	097	SST	110	2726	299,86	2370	260,7	277,4	274,96
SIH-IP-06	3211121P006	098	3313200J006	098	SST	110	2726	299,86	2370	260,7	275,3	274,75
SIH-IP-06	3211121P006	099	3313200J006	099	SST	110	2726	299,86	2370	260,7	277,3	275,01
SIH-IP-06	3211121P006	100	3313200J006	100	SST	110	2726	299,86	2370	260,7	275,6	274,79
SIH-IP-06	3211121P006	101	3313200J006	101	SST	110	2726	299,86	2370	260,7	278,2	276,37
SIH-IP-06	3211121P006	102	3313200J006	102	SST	110	2726	299,86	2370	260,7	275,7	275,16
SIH-IP-06	3211121P006	103	3313200J006	103	SST	110	2726	299,86	2370	260,7	276,6	276,08
SIH-IP-06	3211121P006	104	3313200J006	104	SST	110	2726	299,86	2370	260,7	275,7	272,99
SIH-IP-06	3211121P006	105	3313200J006	105	SST	110	2726	299,86	2370	260,7	277,2	275,51
SIH-IP-06	3211121P006	106	3313200J006	106	SST	110	2726	299,86	2370	260,7	277,5	275,70
SIH-IP-06	3211121P006	107	3313200J006	107	SST	110	2726	299,86	2370	260,7	272,3	271,63
SIH-IP-06	3211121P006	108	3313200J006	108	SST	110	2726	299,86	2370	260,7	274,2	271,71
SIH-IP-06	3211121P006	109	3313200J006	109	SST	110	2726	299,86	2370	260,7	275,1	274,18
SIH-IP-06	3211121P006	110	3313200J006	110	SST	110	2726	299,86	2370	260,7	274,2	271,73
SIH-IP-06	3211121P006	111	3313200J006	111							24,25	24,24
SIH-IP-06	3211121P006	112	3313200J006	112	SST	110	2726	299,86	2370	260,7	275,3	272,86
SIH-IP-06	3211121P006	113	3313200J006	113	SST	110	2726	299,86	2370	260,7	275,8	275,09
SIH-IP-06	3211121P006	114	3313200J006	114	SST	110	2726	299,86	2370	260,7	278,4	276,12

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-06	3211121P006	115	3313200J006	115	SST	110	2726	299,86	2370	260,7	273,1	272,17
SIH-IP-06	3211121P006	116	3313200J006	116	SST	110	2726	299,86	2370	260,7	272,8	271,86
SIH-IP-06	3211121P006	117	3313200J006	117	SST	110	2726	299,86	2370	260,7	274,2	272,17
SIH-IP-06	3211121P006	118	3313200J006	118	SST	110	2726	299,86	2370	260,7	275,8	274,67
SIH-IP-06	3211121P006	119	3313200J006	119	SST	110	2726	299,86	2370	260,7	272,6	271,85
SIH-IP-06	3211121P006	120	3313200J006	120	SST	110	2726	299,86	2370	260,7	275	272,54
SIH-IP-06	3211121P006	121	3313200J006	121	SST	110	2726	299,86	2370	260,7	274,4	273,48
SIH-IP-06	3211121P006	122	3313200J006	122	SST	110	2726	299,86	2370	260,7	271,9	269,47
SIH-IP-06	3211121P006	123	3313200J006	123	SST	110	2726	299,86	2370	260,7	273,6	272,28
SIH-IP-06	3211121P006	124	3313200J006	124	SST	110	2726	299,86	2370	260,7	277,2	275,22
SIH-IP-06	3211121P006	125	3313200J006	125	SST	110	2726	299,86	2370	260,7	275,5	274,50
SIH-IP-06	3211121P006	126	3313200J006	126	SST	110	2726	299,86	2370	260,7	274,5	272,15
SIH-IP-06	3211121P006	127	3313200J006	127	SST	110	2726	299,86	2370	260,7	277,4	276,69
SIH-IP-06	3211121P006	128	3313200J006	128	SST	110	2726	299,86	2370	260,7	275,1	273,10
SIH-IP-06	3211121P006	GND	3313200J006	GND							2,592	0,81
SIH-IP-07	3211121P010	001	3313200J008	001	SST	110	3011	331,21	2690	295,9	307,8	308,40
SIH-IP-07	3211121P010	002	3313200J008	002	SST	110	3011	331,21	2690	295,9	309,6	310,60
SIH-IP-07	3211121P010	003	3313200J008	003	SST	110	3011	331,21	2690	295,9	307	306,86
SIH-IP-07	3211121P010	004	3313200J008	004	SST	110	3011	331,21	2690	295,9	304,2	303,66
SIH-IP-07	3211121P010	005	3313200J008	005	SST	110	3011	331,21	2690	295,9	308,6	309,52
SIH-IP-07	3211121P010	006	3313200J008	006	SST	110	3011	331,21	2690	295,9	312,2	312,94
SIH-IP-07	3211121P010	007	3313200J008	007	SST	110	3011	331,21	2690	295,9	309,3	310,05
SIH-IP-07	3211121P010	008	3313200J008	008	SST	110	3011	331,21	2690	295,9	305,7	305,91
SIH-IP-07	3211121P010	009	3313200J008	009	SST	110	3011	331,21	2690	295,9	308,7	309,52
SIH-IP-07	3211121P010	010	3313200J008	010	SST	110	3011	331,21	2690	295,9	309,4	309,85
SIH-IP-07	3211121P010	011	3313200J008	011	SST	110	3011	331,21	2690	295,9	307	306,47
SIH-IP-07	3211121P010	012	3313200J008	012							26,6	26,42
SIH-IP-07	3211121P010	013	3313200J008	013	SST	110	3011	331,21	2690	295,9	311,7	312,48
SIH-IP-07	3211121P010	014	3313200J008	014	SST	110	3011	331,21	2690	295,9	309,1	309,80
SIH-IP-07	3211121P010	015	3313200J008	015	SST	110	3011	331,21	2690	295,9	306,1	306,13
SIH-IP-07	3211121P010	016	3313200J008	016	SST	110	3011	331,21	2690	295,9	307	306,45
SIH-IP-07	3211121P010	017	3313200J008	017	SST	110	3011	331,21	2690	295,9	308,6	309,29
SIH-IP-07	3211121P010	018	3313200J008	018	SST	110	3011	331,21	2690	295,9	305,7	305,36
SIH-IP-07	3211121P010	019	3313200J008	019	SST	110	3011	331,21	2690	295,9	309,4	309,97
SIH-IP-07	3211121P010	022	3313200J008	022	SST	110	3011	331,21	2690	295,9	314,4	315,23

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-07	3211121P010	023	3313200J008	023	SST	110	3011	331,21	2690	295,9	313,2	313,93
SIH-IP-07	3211121P010	024	3313200J008	024	SST	110	3011	331,21	2690	295,9	310,6	310,85
SIH-IP-07	3211121P010	025	3313200J008	025							26,19	26,07
SIH-IP-07	3211121P010	026	3313200J008	026	SST	110	3011	331,21	2690	295,9	306,5	306,28
SIH-IP-07	3211121P010	027	3313200J008	027	SST	110	3011	331,21	2690	295,9	306,5	307,23
SIH-IP-07	3211121P010	028	3313200J008	028	SST	110	3011	331,21	2690	295,9	305,7	305,58
SIH-IP-07	3211121P010	030	3313200J008	030							33,69	33,86
SIH-IP-07	3211121P010	032	3313200J008	032	SST	110	3011	331,21	2690	295,9	307,4	307,19
SIH-IP-07	3211121P010	033	3313200J008	033	SST	110	3011	331,21	2690	295,9	313,6	314,42
SIH-IP-07	3211121P010	034	3313200J008	034	SST	110	3011	331,21	2690	295,9	313,1	314,07
SIH-IP-07	3211121P010	035	3313200J008	035	SST	110	3011	331,21	2690	295,9	309,6	310,26
SIH-IP-07	3211121P010	040	3313200J008	040	SST	110	3011	331,21	2690	295,9	307,9	308,48
SIH-IP-07	3211121P010	041	3313200J008	041	BRASS	1,4	3011	4,2154	2690	3,766	3,889	3,82
SIH-IP-07	3211121P010	042	3313200J008	042	SST	110	3011	331,21	2690	295,9	310,9	311,76
SIH-IP-07	3211121P010	043	3313200J008	043	SST	110	3011	331,21	2690	295,9	310,9	311,64
SIH-IP-07	3211121P010	044	3313200J008	044	SST	110	3011	331,21	2690	295,9	311,5	312,17
SIH-IP-07	3211121P010	045	3313200J008	045	SST	110	3011	331,21	2690	295,9	310	310,59
SIH-IP-07	3211121P010	046	3313200J008	046	SST	110	3011	331,21	2690	295,9	311,3	311,95
SIH-IP-07	3211121P010	047	3313200J008	047	SST	110	3011	331,21	2690	295,9	309,8	310,41
SIH-IP-07	3211121P010	050	3313200J008	050							42,29	41,91
SIH-IP-07	3211121P010	051	3313200J008	051	SST	110	3011	331,21	2690	295,9	307,4	308,03
SIH-IP-07	3211121P010	052	3313200J008	052	SST	110	3011	331,21	2690	295,9	306,8	307,32
SIH-IP-07	3211121P010	053	3313200J008	053	BRASS	1,4	3011	4,2154	2690	3,766	3,93	3,92
SIH-IP-07	3211121P010	054	3313200J008	054	SST	110	3011	331,21	2690	295,9	307,5	308,51
SIH-IP-07	3211121P010	055	3313200J008	055	SST	110	3011	331,21	2690	295,9	307,4	308,30
SIH-IP-07	3211121P010	056	3313200J008	056	SST	110	3011	331,21	2690	295,9	308,1	307,71
SIH-IP-07	3211121P010	057	3313200J008	057	SST	110	3011	331,21	2690	295,9	307,1	307,73
SIH-IP-07	3211121P010	058	3313200J008	058	SST	110	3011	331,21	2690	295,9	310,1	310,77
SIH-IP-07	3211121P010	064	3313200J008	064							24,07	24,15
SIH-IP-07	3211121P010	065	3313200J008	065	SST	110	3011	331,21	2690	295,9	310,8	311,63
SIH-IP-07	3211121P010	066	3313200J008	066	SST	110	3011	331,21	2690	295,9	311,8	312,47
SIH-IP-07	3211121P010	067	3313200J008	067	SST	110	3011	331,21	2690	295,9	311,7	312,20
SIH-IP-07	3211121P010	068	3313200J008	068	SST	110	3011	331,21	2690	295,9	311,7	312,28
SIH-IP-07	3211121P010	069	3313200J008	069	SST	110	3011	331,21	2690	295,9	310,7	311,28
SIH-IP-07	3211121P010	072	3313200J008	072							27,9	27,93
SIH-IP-07	3211121P010	077	3313200J008	077	SST	110	3011	331,21	2690	295,9	312	312,78

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-07	3211121P010	078	3313200J008	078	SST	110	3011	331,21	2690	295,9	307,1	308,08
SIH-IP-07	3211121P010	079	3313200J008	079	SST	110	3011	331,21	2690	295,9	307,5	308,21
SIH-IP-07	3211121P010	080	3313200J008	080	SST	110	3011	331,21	2690	295,9	311,1	311,96
SIH-IP-07	3211121P010	081	3313200J008	081	SST	110	3011	331,21	2690	295,9	311,9	312,48
SIH-IP-07	3211121P010	084	3313200J008	084	SST	110	3011	331,21	2690	295,9	310,2	311,04
SIH-IP-07	3211121P010	085	3313200J008	085	SST	110	3011	331,21	2690	295,9	310,1	310,78
SIH-IP-07	3211121P010	086	3313200J008	086	SST	110	3011	331,21	2690	295,9	309,4	310,12
SIH-IP-07	3211121P010	087	3313200J008	087	SST	110	3011	331,21	2690	295,9	309,9	310,45
SIH-IP-07	3211121P010	088	3313200J008	088	SST	110	3011	331,21	2690	295,9	306,4	306,05
SIH-IP-07	3211121P010	089	3313200J008	089	SST	110	3011	331,21	2690	295,9	311,8	312,22
SIH-IP-07	3211121P010	090	3313200J008	090	SST	110	3011	331,21	2690	295,9	307,3	308,11
SIH-IP-07	3211121P010	091	3313200J008	091	SST	110	3011	331,21	2690	295,9	312,1	312,83
SIH-IP-07	3211121P010	092	3313200J008	092	SST	110	3011	331,21	2690	295,9	309,5	310,09
SIH-IP-07	3211121P010	093	3313200J008	093	SST	110	3011	331,21	2690	295,9	311,4	311,90
SIH-IP-07	3211121P010	094	3313200J008	094							25,85	25,83
SIH-IP-07	3211121P010	096	3313200J008	096	SST	110	3011	331,21	2690	295,9	305,9	306,01
SIH-IP-07	3211121P010	097	3313200J008	097	SST	110	3011	331,21	2690	295,9	309,6	310,34
SIH-IP-07	3211121P010	098	3313200J008	098	SST	110	3011	331,21	2690	295,9	310,2	310,64
SIH-IP-07	3211121P010	099	3313200J008	099	SST	110	3011	331,21	2690	295,9	310,2	310,72
SIH-IP-07	3211121P010	100	3313200J008	100	SST	110	3011	331,21	2690	295,9	310,2	310,54
SIH-IP-07	3211121P010	101	3313200J008	101	SST	110	3011	331,21	2690	295,9	311,6	312,07
SIH-IP-07	3211121P010	102	3313200J008	102	SST	110	3011	331,21	2690	295,9	306,7	306,30
SIH-IP-07	3211121P010	103	3313200J008	103	SST	110	3011	331,21	2690	295,9	310,6	311,20
SIH-IP-07	3211121P010	104	3313200J008	104	SST	110	3011	331,21	2690	295,9	307,3	307,88
SIH-IP-07	3211121P010	105	3313200J008	105	SST	110	3011	331,21	2690	295,9	309,9	310,55
SIH-IP-07	3211121P010	106	3313200J008	106	SST	110	3011	331,21	2690	295,9	307,7	308,17
SIH-IP-07	3211121P010	107	3313200J008	107	SST	110	3011	331,21	2690	295,9	308,2	308,57
SIH-IP-07	3211121P010	108	3313200J008	108	SST	110	3011	331,21	2690	295,9	303,7	303,32
SIH-IP-07	3211121P010	109	3313200J008	109	SST	110	3011	331,21	2690	295,9	304,1	303,87
SIH-IP-07	3211121P010	110	3313200J008	110	SST	110	3011	331,21	2690	295,9	311	311,37
SIH-IP-07	3211121P010	111	3313200J008	111							25,92	26,03
SIH-IP-07	3211121P010	112	3313200J008	112	SST	110	3011	331,21	2690	295,9	306	305,73
SIH-IP-07	3211121P010	113	3313200J008	113	SST	110	3011	331,21	2690	295,9	309,7	310,16
SIH-IP-07	3211121P010	114	3313200J008	114	SST	110	3011	331,21	2690	295,9	312,1	312,04
SIH-IP-07	3211121P010	115	3313200J008	115	SST	110	3011	331,21	2690	295,9	306,4	305,59
SIH-IP-07	3211121P010	116	3313200J008	116	SST	110	3011	331,21	2690	295,9	309,4	309,52

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-07	3211121P010	117	3313200J008	117	SST	110	3011	331,21	2690	295,9	310,7	310,81
SIH-IP-07	3211121P010	118	3313200J008	118	SST	110	3011	331,21	2690	295,9	310	310,33
SIH-IP-07	3211121P010	119	3313200J008	119	SST	110	3011	331,21	2690	295,9	310	310,17
SIH-IP-07	3211121P010	120	3313200J008	120	SST	110	3011	331,21	2690	295,9	310,6	310,97
SIH-IP-07	3211121P010	121	3313200J008	121	SST	110	3011	331,21	2690	295,9	308,7	308,98
SIH-IP-07	3211121P010	122	3313200J008	122	SST	110	3011	331,21	2690	295,9	309,6	309,35
SIH-IP-07	3211121P010	123	3313200J008	123	SST	110	3011	331,21	2690	295,9	306,8	306,73
SIH-IP-07	3211121P010	124	3313200J008	124	SST	110	3011	331,21	2690	295,9	308,9	308,09
SIH-IP-07	3211121P010	125	3313200J008	125	SST	110	3011	331,21	2690	295,9	307,7	307,49
SIH-IP-07	3211121P010	126	3313200J008	126	SST	110	3011	331,21	2690	295,9	312	308,40
SIH-IP-07	3211121P010	127	3313200J008	127	SST	110	3011	331,21	2690	295,9	308,6	308,94
SIH-IP-07	3211121P010	128	3313200J008	128	SST	110	3011	331,21	2690	295,9	309,2	309,60
SIH-IP-07	3211121P010	GND	3313200J008	GND							2,745	1,35
SIH-IP-08	3211121P011	001	3313200J002	001	SST	110	3392	373,12	3080	338,8	352,2	353,23
SIH-IP-08	3211121P011	002	3313200J002	002	SST	110	3392	373,12	3080	338,8	351,8	352,79
SIH-IP-08	3211121P011	003	3313200J002	003	SST	110	3392	373,12	3080	338,8	347,6	348,51
SIH-IP-08	3211121P011	004	3313200J002	004	SST	110	3392	373,12	3080	338,8	352,2	353,07
SIH-IP-08	3211121P011	005	3313200J002	005	SST	110	3392	373,12	3080	338,8	351,9	352,93
SIH-IP-08	3211121P011	006	3313200J002	006	SST	110	3392	373,12	3080	338,8	353,5	354,36
SIH-IP-08	3211121P011	007	3313200J002	007	SST	110	3392	373,12	3080	338,8	350,3	351,21
SIH-IP-08	3211121P011	008	3313200J002	008	SST	110	3392	373,12	3080	338,8	351,3	352,04
SIH-IP-08	3211121P011	009	3313200J002	009	SST	110	3392	373,12	3080	338,8	353,4	354,24
SIH-IP-08	3211121P011	010	3313200J002	010	SST	110	3392	373,12	3080	338,8	348,3	349,19
SIH-IP-08	3211121P011	011	3313200J002	011	SST	110	3392	373,12	3080	338,8	352,6	353,35
SIH-IP-08	3211121P011	012	3313200J002	012							28,15	28,25
SIH-IP-08	3211121P011	013	3313200J002	013	SST	110	3392	373,12	3080	338,8	349,8	350,65
SIH-IP-08	3211121P011	014	3313200J002	014	SST	110	3392	373,12	3080	338,8	350,6	351,30
SIH-IP-08	3211121P011	015	3313200J002	015	SST	110	3392	373,12	3080	338,8	349,5	350,21
SIH-IP-08	3211121P011	016	3313200J002	016	SST	110	3392	373,12	3080	338,8	350,5	351,26
SIH-IP-08	3211121P011	017	3313200J002	017	SST	110	3392	373,12	3080	338,8	345,4	345,90
SIH-IP-08	3211121P011	018	3313200J002	018	SST	110	3392	373,12	3080	338,8	351,7	352,26
SIH-IP-08	3211121P011	019	3313200J002	019	SST	110	3392	373,12	3080	338,8	350,6	351,13
SIH-IP-08	3211121P011	022	3313200J002	022	SST	110	3392	373,12	3080	338,8	348,5	349,30
SIH-IP-08	3211121P011	023	3313200J002	023	SST	110	3392	373,12	3080	338,8	351,5	352,23
SIH-IP-08	3211121P011	024	3313200J002	024	SST	110	3392	373,12	3080	338,8	353,1	353,76

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-08	3211121P011	025	3313200J002	025							27,51	27,50
SIH-IP-08	3211121P011	026	3313200J002	026	SST	110	3392	373,12	3080	338,8	349,3	349,91
SIH-IP-08	3211121P011	027	3313200J002	027	SST	110	3392	373,12	3080	338,8	349,5	350,14
SIH-IP-08	3211121P011	028	3313200J002	028	SST	110	3392	373,12	3080	338,8	345,7	346,21
SIH-IP-08	3211121P011	030	3313200J002	030							36,61	36,47
SIH-IP-08	3211121P011	032	3313200J002	032	SST	110	3392	373,12	3080	338,8	347,6	348,60
SIH-IP-08	3211121P011	033	3313200J002	033	SST	110	3392	373,12	3080	338,8	352,9	353,53
SIH-IP-08	3211121P011	034	3313200J002	034	SST	110	3392	373,12	3080	338,8	346,4	346,95
SIH-IP-08	3211121P011	035	3313200J002	035	SST	110	3392	373,12	3080	338,8	353,1	353,71
SIH-IP-08	3211121P011	040	3313200J002	040	SST	110	3392	373,12	3080	338,8	350,5	351,02
SIH-IP-08	3211121P011	041	3313200J002	041	BRASS	1,4	3392	4,7488	3080	4,312	4,39	4,32
SIH-IP-08	3211121P011	042	3313200J002	042	SST	110	3392	373,12	3080	338,8	347,4	348,19
SIH-IP-08	3211121P011	043	3313200J002	043	SST	110	3392	373,12	3080	338,8	348	348,73
SIH-IP-08	3211121P011	044	3313200J002	044	SST	110	3392	373,12	3080	338,8	352,9	353,49
SIH-IP-08	3211121P011	045	3313200J002	045	SST	110	3392	373,12	3080	338,8	351,6	352,04
SIH-IP-08	3211121P011	046	3313200J002	046	SST	110	3392	373,12	3080	338,8	346,5	347,03
SIH-IP-08	3211121P011	047	3313200J002	047	SST	110	3392	373,12	3080	338,8	354,7	355,26
SIH-IP-08	3211121P011	050	3313200J002	050							46,25	45,91
SIH-IP-08	3211121P011	051	3313200J002	051	SST	110	3392	373,12	3080	338,8	350,2	350,73
SIH-IP-08	3211121P011	052	3313200J002	052	SST	110	3392	373,12	3080	338,8	349,2	349,68
SIH-IP-08	3211121P011	053	3313200J002	053	BRASS	1,4	3392	4,7488	3080	4,312	4,428	4,42
SIH-IP-08	3211121P011	054	3313200J002	054	SST	110	3392	373,12	3080	338,8	346,5	347,15
SIH-IP-08	3211121P011	055	3313200J002	055	SST	110	3392	373,12	3080	338,8	351,8	352,50
SIH-IP-08	3211121P011	056	3313200J002	056	SST	110	3392	373,12	3080	338,8	348,2	349,00
SIH-IP-08	3211121P011	057	3313200J002	057	SST	110	3392	373,12	3080	338,8	352,5	353,07
SIH-IP-08	3211121P011	058	3313200J002	058	SST	110	3392	373,12	3080	338,8	349,8	350,03
SIH-IP-08	3211121P011	064	3313200J002	064							26,13	26,06
SIH-IP-08	3211121P011	065	3313200J002	065	SST	110	3392	373,12	3080	338,8	347,9	348,65
SIH-IP-08	3211121P011	066	3313200J002	066	SST	110	3392	373,12	3080	338,8	352,9	353,36
SIH-IP-08	3211121P011	067	3313200J002	067	SST	110	3392	373,12	3080	338,8	351,6	352,12
SIH-IP-08	3211121P011	068	3313200J002	068	SST	110	3392	373,12	3080	338,8	352,4	352,72
SIH-IP-08	3211121P011	069	3313200J002	069	SST	110	3392	373,12	3080	338,8	349,9	350,40
SIH-IP-08	3211121P011	072	3313200J002	072							29,79	29,88
SIH-IP-08	3211121P011	077	3313200J002	077	SST	110	3392	373,12	3080	338,8	348	348,66
SIH-IP-08	3211121P011	078	3313200J002	078	SST	110	3392	373,12	3080	338,8	352,7	353,21
SIH-IP-08	3211121P011	079	3313200J002	079	SST	110	3392	373,12	3080	338,8	352,5	353,03

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-08	3211121P011	080	3313200J002	080	SST	110	3392	373,12	3080	338,8	352,4	352,92
SIH-IP-08	3211121P011	081	3313200J002	081	SST	110	3392	373,12	3080	338,8	349,7	350,04
SIH-IP-08	3211121P011	084	3313200J002	084	SST	110	3392	373,12	3080	338,8	351,2	351,73
SIH-IP-08	3211121P011	085	3313200J002	085	SST	110	3392	373,12	3080	338,8	351,7	352,03
SIH-IP-08	3211121P011	086	3313200J002	086	SST	110	3392	373,12	3080	338,8	351,3	351,68
SIH-IP-08	3211121P011	087	3313200J002	087	SST	110	3392	373,12	3080	338,8	351,7	352,02
SIH-IP-08	3211121P011	088	3313200J002	088	SST	110	3392	373,12	3080	338,8	351,3	351,66
SIH-IP-08	3211121P011	089	3313200J002	089	SST	110	3392	373,12	3080	338,8	352,7	353,18
SIH-IP-08	3211121P011	090	3313200J002	090	SST	110	3392	373,12	3080	338,8	352,9	353,31
SIH-IP-08	3211121P011	091	3313200J002	091	SST	110	3392	373,12	3080	338,8	349,3	349,80
SIH-IP-08	3211121P011	092	3313200J002	092	SST	110	3392	373,12	3080	338,8	352,8	353,18
SIH-IP-08	3211121P011	093	3313200J002	093	SST	110	3392	373,12	3080	338,8	348,4	348,61
SIH-IP-08	3211121P011	094	3313200J002	094							28,27	27,99
SIH-IP-08	3211121P011	096	3313200J002	096	SST	110	3392	373,12	3080	338,8	351,6	352,02
SIH-IP-08	3211121P011	097	3313200J002	097	SST	110	3392	373,12	3080	338,8	351,3	351,69
SIH-IP-08	3211121P011	098	3313200J002	098	SST	110	3392	373,12	3080	338,8	346,3	346,87
SIH-IP-08	3211121P011	099	3313200J002	099	SST	110	3392	373,12	3080	338,8	351,5	351,72
SIH-IP-08	3211121P011	100	3313200J002	100	SST	110	3392	373,12	3080	338,8	346,9	347,29
SIH-IP-08	3211121P011	101	3313200J002	101	SST	110	3392	373,12	3080	338,8	353,1	353,56
SIH-IP-08	3211121P011	102	3313200J002	102	SST	110	3392	373,12	3080	338,8	352,4	352,93
SIH-IP-08	3211121P011	103	3313200J002	103	SST	110	3392	373,12	3080	338,8	351,5	351,93
SIH-IP-08	3211121P011	104	3313200J002	104	SST	110	3392	373,12	3080	338,8	346,1	346,27
SIH-IP-08	3211121P011	105	3313200J002	105	SST	110	3392	373,12	3080	338,8	348,7	349,08
SIH-IP-08	3211121P011	106	3313200J002	106	SST	110	3392	373,12	3080	338,8	345	345,25
SIH-IP-08	3211121P011	107	3313200J002	107	SST	110	3392	373,12	3080	338,8	350,1	350,28
SIH-IP-08	3211121P011	108	3313200J002	108	SST	110	3392	373,12	3080	338,8	349,4	349,68
SIH-IP-08	3211121P011	109	3313200J002	109	SST	110	3392	373,12	3080	338,8	351	351,21
SIH-IP-08	3211121P011	110	3313200J002	110	SST	110	3392	373,12	3080	338,8	349,7	349,90
SIH-IP-08	3211121P011	111	3313200J002	111						0	28,16	28,07
SIH-IP-08	3211121P011	112	3313200J002	112	SST	110	3392	373,12	3080	338,8	351,3	351,48
SIH-IP-08	3211121P011	113	3313200J002	113	SST	110	3392	373,12	3080	338,8	350,7	351,04
SIH-IP-08	3211121P011	114	3313200J002	114	SST	110	3392	373,12	3080	338,8	346,3	346,28
SIH-IP-08	3211121P011	115	3313200J002	115	SST	110	3392	373,12	3080	338,8	350	350,19
SIH-IP-08	3211121P011	116	3313200J002	116	SST	110	3392	373,12	3080	338,8	343,4	343,45
SIH-IP-08	3211121P011	117	3313200J002	117	SST	110	3392	373,12	3080	338,8	342,8	342,87
SIH-IP-08	3211121P011	118	3313200J002	118	SST	110	3392	373,12	3080	338,8	348	348,10

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-08	3211121P011	119	3313200J002	119	SST	110	3392	373,12	3080	338,8	349,2	349,29
SIH-IP-08	3211121P011	120	3313200J002	120	SST	110	3392	373,12	3080	338,8	352,9	353,13
SIH-IP-08	3211121P011	121	3313200J002	121	SST	110	3392	373,12	3080	338,8	352,8	353,00
SIH-IP-08	3211121P011	122	3313200J002	122	SST	110	3392	373,12	3080	338,8	347,2	347,54
SIH-IP-08	3211121P011	123	3313200J002	123	SST	110	3392	373,12	3080	338,8	348,8	348,96
SIH-IP-08	3211121P011	124	3313200J002	124	SST	110	3392	373,12	3080	338,8	347,1	347,18
SIH-IP-08	3211121P011	125	3313200J002	125	SST	110	3392	373,12	3080	338,8	346,8	346,78
SIH-IP-08	3211121P011	126	3313200J002	126	SST	110	3392	373,12	3080	338,8	346,4	346,51
SIH-IP-08	3211121P011	127	3313200J002	127	SST	110	3392	373,12	3080	338,8	354,5	354,71
SIH-IP-08	3211121P011	128	3313200J002	128	SST	110	3392	373,12	3080	338,8	352,2	352,40
SIH-IP-08	3211121P011	GND	3313200J002	GND						0	2,898	1,18
SIH-IP-09	3211121P012	001	3313200J001	001	SST	110	3349	368,39	3040	334,4	343,7	344,52
SIH-IP-09	3211121P012	002	3313200J001	002	SST	110	3349	368,39	3040	334,4	344,5	345,14
SIH-IP-09	3211121P012	003	3313200J001	003	SST	110	3349	368,39	3040	334,4	344,7	345,39
SIH-IP-09	3211121P012	004	3313200J001	004							46,49	45,87
SIH-IP-09	3211121P012	005	3313200J001	005	BRASS	1,4	3349	4,6886	3040	4,256	4,337	4,36
SIH-IP-09	3211121P012	006	3313200J001	006	BRASS	1,4	3349	4,6886	3040	4,256	4,313	4,25
SIH-IP-09	3211121P012	007	3313200J001	007							35,95	35,78
SIH-IP-09	3211121P012	008	3313200J001	008	SST	110	3349	368,39	3040	334,4	342,2	343,07
SIH-IP-09	3211121P012	009	3313200J001	009	SST	110	3349	368,39	3040	334,4	347,1	347,75
SIH-IP-09	3211121P012	010	3313200J001	010	SST	110	3349	368,39	3040	334,4	346,5	347,16
SIH-IP-09	3211121P012	011	3313200J001	011	SST	110	3349	368,39	3040	334,4	346,7	347,38
SIH-IP-09	3211121P012	012	3313200J001	012	SST	110	3349	368,39	3040	334,4	348,4	349,17
SIH-IP-09	3211121P012	013	3313200J001	013	SST	110	3349	368,39	3040	334,4	347,9	348,48
SIH-IP-09	3211121P012	014	3313200J001	014	SST	110	3349	368,39	3040	334,4	343,1	343,82
SIH-IP-09	3211121P012	015	3313200J001	015	SST	110	3349	368,39	3040	334,4	347,8	348,29
SIH-IP-09	3211121P012	016	3313200J001	016							29,64	29,38
SIH-IP-09	3211121P012	017	3313200J001	017	SST	110	3349	368,39	3040	334,4	346,3	347,05
SIH-IP-09	3211121P012	018	3313200J001	018	SST	110	3349	368,39	3040	334,4	346,4	347,09
SIH-IP-09	3211121P012	019	3313200J001	019	SST	110	3349	368,39	3040	334,4	346,8	347,38
SIH-IP-09	3211121P012	020	3313200J001	020	SST	110	3349	368,39	3040	334,4	346,2	346,86
SIH-IP-09	3211121P012	021	3313200J001	021	SST	110	3349	368,39	3040	334,4	347,9	348,47
SIH-IP-09	3211121P012	022	3313200J001	022	SST	110	3349	368,39	3040	334,4	348,3	348,94
SIH-IP-09	3211121P012	023	3313200J001	023	SST	110	3349	368,39	3040	334,4	342,1	342,68
SIH-IP-09	3211121P012	024	3313200J001	024	SST	110	3349	368,39	3040	334,4	343,3	343,90

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-09	3211121P012	029	3313200J001	029	SST	110	3349	368,39	3040	334,4	347,1	347,66
SIH-IP-09	3211121P012	030	3313200J001	030	SST	110	3349	368,39	3040	334,4	341,6	342,40
SIH-IP-09	3211121P012	031	3313200J001	031	SST	110	3349	368,39	3040	334,4	343,2	343,99
SIH-IP-09	3211121P012	032	3313200J001	032	SST	110	3349	368,39	3040	334,4	349,1	349,62
SIH-IP-09	3211121P012	033	3313200J001	033	SST	110	3349	368,39	3040	334,4	343,8	344,45
SIH-IP-09	3211121P012	034	3313200J001	034	SST	110	3349	368,39	3040	334,4	349,1	349,61
SIH-IP-09	3211121P012	041	3313200J001	041	SST	110	3349	368,39	3040	334,4	343,5	344,16
SIH-IP-09	3211121P012	042	3313200J001	042	SST	110	3349	368,39	3040	334,4	343,8	344,47
SIH-IP-09	3211121P012	043	3313200J001	043	SST	110	3349	368,39	3040	334,4	348,7	349,19
SIH-IP-09	3211121P012	044	3313200J001	044	SST	110	3349	368,39	3040	334,4	348,3	348,62
SIH-IP-09	3211121P012	045	3313200J001	045	SST	110	3349	368,39	3040	334,4	348	348,26
SIH-IP-09	3211121P012	052	3313200J001	052							26,21	26,00
SIH-IP-09	3211121P012	059	3313200J001	059	SST	110	3349	368,39	3040	334,4	343,8	344,43
SIH-IP-09	3211121P012	060	3313200J001	060	SST	110	3349	368,39	3040	334,4	344,2	344,63
SIH-IP-09	3211121P012	061	3313200J001	061	SST	110	3349	368,39	3040	334,4	346,9	347,51
SIH-IP-09	3211121P012	062	3313200J001	062	SST	110	3349	368,39	3040	334,4	342,4	342,82
SIH-IP-09	3211121P012	063	3313200J001	063	SST	110	3349	368,39	3040	334,4	343,8	344,42
SIH-IP-09	3211121P012	064	3313200J001	064	SST	110	3349	368,39	3040	334,4	345,5	345,85
SIH-IP-09	3211121P012	065	3313200J001	065	SST	110	3349	368,39	3040	334,4	342,3	342,58
SIH-IP-09	3211121P012	066	3313200J001	066	SST	110	3349	368,39	3040	334,4	345,9	346,22
SIH-IP-09	3211121P012	069	3313200J001	069	SST	110	3349	368,39	3040	334,4	346,9	347,29
SIH-IP-09	3211121P012	070	3313200J001	070	SST	110	3349	368,39	3040	334,4	344,9	345,25
SIH-IP-09	3211121P012	071	3313200J001	071	SST	110	3349	368,39	3040	334,4	346,2	346,58
SIH-IP-09	3211121P012	072	3313200J001	072	SST	110	3349	368,39	3040	334,4	347,4	347,73
SIH-IP-09	3211121P012	073	3313200J001	073	SST	110	3349	368,39	3040	334,4	345	345,53
SIH-IP-09	3211121P012	074	3313200J001	074	SST	110	3349	368,39	3040	334,4	346,8	347,11
SIH-IP-09	3211121P012	075	3313200J001	075	SST	110	3349	368,39	3040	334,4	346,4	346,66
SIH-IP-09	3211121P012	076	3313200J001	076	SST	110	3349	368,39	3040	334,4	347,3	347,67
SIH-IP-09	3211121P012	077	3313200J001	077							27,32	27,34
SIH-IP-09	3211121P012	078	3313200J001	078	SST	110	3349	368,39	3040	334,4	347	347,47
SIH-IP-09	3211121P012	079	3313200J001	079	SST	110	3349	368,39	3040	334,4	340,4	340,75
SIH-IP-09	3211121P012	080	3313200J001	080	SST	110	3349	368,39	3040	334,4	343,7	344,17
SIH-IP-09	3211121P012	081	3313200J001	081	SST	110	3349	368,39	3040	334,4	345,3	345,25
SIH-IP-09	3211121P012	082	3313200J001	082	SST	110	3349	368,39	3040	334,4	344,2	344,62
SIH-IP-09	3211121P012	083	3313200J001	083	SST	110	3349	368,39	3040	334,4	343,1	343,46
SIH-IP-09	3211121P012	084	3313200J001	084	SST	110	3349	368,39	3040	334,4	342,8	343,18

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-09	3211121P012	085	3313200J001	085	SST	110	3349	368,39	3040	334,4	340,3	340,64
SIH-IP-09	3211121P012	086	3313200J001	086	SST	110	3349	368,39	3040	334,4	348,4	348,71
SIH-IP-09	3211121P012	087	3313200J001	087	SST	110	3349	368,39	3040	334,4	340,3	340,48
SIH-IP-09	3211121P012	088	3313200J001	088	SST	110	3349	368,39	3040	334,4	344,5	344,77
SIH-IP-09	3211121P012	089	3313200J001	089	SST	110	3349	368,39	3040	334,4	346,9	347,11
SIH-IP-09	3211121P012	090	3313200J001	090	SST	110	3349	368,39	3040	334,4	345,9	346,27
SIH-IP-09	3211121P012	091	3313200J001	091	SST	110	3349	368,39	3040	334,4	343,3	343,69
SIH-IP-09	3211121P012	092	3313200J001	092	SST	110	3349	368,39	3040	334,4	345,5	345,78
SIH-IP-09	3211121P012	093	3313200J001	093	SST	110	3349	368,39	3040	334,4	340,2	340,33
SIH-IP-09	3211121P012	097	3313200J001	097							27,45	27,40
SIH-IP-09	3211121P012	GND	3313200J001	GND							2,818	1,06
SIH-IP-10	3211121P013	001	3313200J003	001	SST	110	3299	362,89	2950	324,5	338,2	339,01
SIH-IP-10	3211121P013	002	3313200J003	002	SST	110	3299	362,89	2950	324,5	338,6	339,40
SIH-IP-10	3211121P013	003	3313200J003	003	SST	110	3299	362,89	2950	324,5	339,3	339,90
SIH-IP-10	3211121P013	004	3313200J003	004							45,62	44,97
SIH-IP-10	3211121P013	005	3313200J003	005	BRASS	1,4	3299	4,6186	2950	4,13	4,244	4,27
SIH-IP-10	3211121P013	006	3313200J003	006	BRASS	1,4	3299	4,6186	2950	4,13	4,237	4,19
SIH-IP-10	3211121P013	007	3313200J003	007							35,45	35,53
SIH-IP-10	3211121P013	008	3313200J003	008	SST	110	3299	362,89	2950	324,5	340,8	341,49
SIH-IP-10	3211121P013	009	3313200J003	009	SST	110	3299	362,89	2950	324,5	340,4	341,11
SIH-IP-10	3211121P013	010	3313200J003	010	SST	110	3299	362,89	2950	324,5	335,9	336,96
SIH-IP-10	3211121P013	011	3313200J003	011	SST	110	3299	362,89	2950	324,5	340,9	341,46
SIH-IP-10	3211121P013	012	3313200J003	012	SST	110	3299	362,89	2950	324,5	342,2	342,92
SIH-IP-10	3211121P013	013	3313200J003	013	SST	110	3299	362,89	2950	324,5	343,1	343,59
SIH-IP-10	3211121P013	014	3313200J003	014	SST	110	3299	362,89	2950	324,5	342,9	343,40
SIH-IP-10	3211121P013	015	3313200J003	015	SST	110	3299	362,89	2950	324,5	338,1	339,06
SIH-IP-10	3211121P013	016	3313200J003	016							29,36	29,18
SIH-IP-10	3211121P013	017	3313200J003	017	SST	110	3299	362,89	2950	324,5	336,1	337,01
SIH-IP-10	3211121P013	018	3313200J003	018	SST	110	3299	362,89	2950	324,5	340,4	340,89
SIH-IP-10	3211121P013	019	3313200J003	019	SST	110	3299	362,89	2950	324,5	340,7	341,20
SIH-IP-10	3211121P013	020	3313200J003	020	SST	110	3299	362,89	2950	324,5	340,4	340,86
SIH-IP-10	3211121P013	021	3313200J003	021	SST	110	3299	362,89	2950	324,5	342,7	343,22
SIH-IP-10	3211121P013	022	3313200J003	022	SST	110	3299	362,89	2950	324,5	338,4	339,41
SIH-IP-10	3211121P013	023	3313200J003	023	SST	110	3299	362,89	2950	324,5	337,3	338,16
SIH-IP-10	3211121P013	024	3313200J003	024	SST	110	3299	362,89	2950	324,5	337,8	338,65

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-10	3211121P013	029	3313200J003	029	SST	110	3299	362,89	2950	324,5	340,8	341,38
SIH-IP-10	3211121P013	030	3313200J003	030	SST	110	3299	362,89	2950	324,5	340,8	341,48
SIH-IP-10	3211121P013	031	3313200J003	031	SST	110	3299	362,89	2950	324,5	338,4	339,34
SIH-IP-10	3211121P013	032	3313200J003	032	SST	110	3299	362,89	2950	324,5	343,6	344,09
SIH-IP-10	3211121P013	033	3313200J003	033	SST	110	3299	362,89	2950	324,5	343,8	344,26
SIH-IP-10	3211121P013	034	3313200J003	034	SST	110	3299	362,89	2950	324,5	338,2	339,20
SIH-IP-10	3211121P013	041	3313200J003	041	SST	110	3299	362,89	2950	324,5	343,3	343,68
SIH-IP-10	3211121P013	042	3313200J003	042	SST	110	3299	362,89	2950	324,5	343,4	343,85
SIH-IP-10	3211121P013	043	3313200J003	043	SST	110	3299	362,89	2950	324,5	338,8	339,65
SIH-IP-10	3211121P013	044	3313200J003	044	SST	110	3299	362,89	2950	324,5	343,6	343,96
SIH-IP-10	3211121P013	045	3313200J003	045	SST	110	3299	362,89	2950	324,5	343,7	344,06
SIH-IP-10	3211121P013	052	3313200J003	052							26,01	25,95
SIH-IP-10	3211121P013	059	3313200J003	059	SST	110	3299	362,89	2950	324,5	339,8	340,50
SIH-IP-10	3211121P013	060	3313200J003	060	SST	110	3299	362,89	2950	324,5	333,1	333,73
SIH-IP-10	3211121P013	061	3313200J003	061	SST	110	3299	362,89	2950	324,5	339,2	339,83
SIH-IP-10	3211121P013	062	3313200J003	062	SST	110	3299	362,89	2950	324,5	339,3	339,76
SIH-IP-10	3211121P013	063	3313200J003	063	SST	110	3299	362,89	2950	324,5	339,4	340,01
SIH-IP-10	3211121P013	064	3313200J003	064	SST	110	3299	362,89	2950	324,5	335	335,50
SIH-IP-10	3211121P013	065	3313200J003	065	SST	110	3299	362,89	2950	324,5	341,1	341,63
SIH-IP-10	3211121P013	066	3313200J003	066	SST	110	3299	362,89	2950	324,5	338	338,51
SIH-IP-10	3211121P013	069	3313200J003	069	SST	110	3299	362,89	2950	324,5	335,2	335,79
SIH-IP-10	3211121P013	070	3313200J003	070	SST	110	3299	362,89	2950	324,5	333,7	334,08
SIH-IP-10	3211121P013	071	3313200J003	071	SST	110	3299	362,89	2950	324,5	336,3	336,87
SIH-IP-10	3211121P013	072	3313200J003	072	SST	110	3299	362,89	2950	324,5	340,2	340,67
SIH-IP-10	3211121P013	073	3313200J003	073	SST	110	3299	362,89	2950	324,5	341,4	341,89
SIH-IP-10	3211121P013	074	3313200J003	074	SST	110	3299	362,89	2950	324,5	334,7	335,31
SIH-IP-10	3211121P013	075	3313200J003	075	SST	110	3299	362,89	2950	324,5	342,2	342,60
SIH-IP-10	3211121P013	076	3313200J003	076	SST	110	3299	362,89	2950	324,5	341,5	341,99
SIH-IP-10	3211121P013	077	3313200J003	077						0	27,78	27,60
SIH-IP-10	3211121P013	078	3313200J003	078	SST	110	3299	362,89	2950	324,5	337,9	338,39
SIH-IP-10	3211121P013	079	3313200J003	079	SST	110	3299	362,89	2950	324,5	337,6	338,19
SIH-IP-10	3211121P013	080	3313200J003	080	SST	110	3299	362,89	2950	324,5	337,2	337,49
SIH-IP-10	3211121P013	081	3313200J003	081	SST	110	3299	362,89	2950	324,5	340,7	341,12
SIH-IP-10	3211121P013	082	3313200J003	082	SST	110	3299	362,89	2950	324,5	341,7	342,19
SIH-IP-10	3211121P013	083	3313200J003	083	SST	110	3299	362,89	2950	324,5	338,7	339,11
SIH-IP-10	3211121P013	084	3313200J003	084	SST	110	3299	362,89	2950	324,5	340,4	340,88

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-10	3211121P013	085	3313200J003	085	SST	110	3299	362,89	2950	324,5	342,1	342,49
SIH-IP-10	3211121P013	086	3313200J003	086	SST	110	3299	362,89	2950	324,5	339,7	340,05
SIH-IP-10	3211121P013	087	3313200J003	087	SST	110	3299	362,89	2950	324,5	338,8	339,39
SIH-IP-10	3211121P013	088	3313200J003	088	SST	110	3299	362,89	2950	324,5	337,3	337,62
SIH-IP-10	3211121P013	089	3313200J003	089	SST	110	3299	362,89	2950	324,5	340,2	340,43
SIH-IP-10	3211121P013	090	3313200J003	090	SST	110	3299	362,89	2950	324,5	340,4	340,91
SIH-IP-10	3211121P013	091	3313200J003	091	SST	110	3299	362,89	2950	324,5	338,6	339,02
SIH-IP-10	3211121P013	092	3313200J003	092	SST	110	3299	362,89	2950	324,5	339,3	339,80
SIH-IP-10	3211121P013	093	3313200J003	093	SST	110	3299	362,89	2950	324,5	337,4	337,63
SIH-IP-10	3211121P013	097	3313200J003	097							27,37	27,34
SIH-IP-10	3211121P013	GND	3313200J003	GND							2,812	1,02
SIH-IP-11	2211121P014	003	3313200J005	003							38,23	38,26
SIH-IP-11	2211121P014	004	3313200J005	004	SST	110	3734	410,74	3390	372,9	386	387,23
SIH-IP-11	2211121P014	005	3313200J005	005	SST	110	3734	410,74	3390	372,9	384,6	385,74
SIH-IP-11	2211121P014	006	3313200J005	006	SST	110	3734	410,74	3390	372,9	385,9	386,86
SIH-IP-11	2211121P014	007	3313200J005	007	SST	110	3734	410,74	3390	372,9	386	386,94
SIH-IP-11	2211121P014	010	3313200J005	010	SST	110	3734	410,74	3390	372,9	387,3	388,40
SIH-IP-11	2211121P014	011	3313200J005	011	SST	110	3734	410,74	3390	372,9	386,4	387,36
SIH-IP-11	2211121P014	013	3313200J005	013							28,64	28,81
SIH-IP-11	2211121P014	014	3313200J005	014	BRASS	1,4	3734	5,2276	3390	4,746	5,071	5,01
SIH-IP-11	2211121P014	015	3313200J005	015	BRASS	1,4	3734	5,2276	3390	4,746	5,004	4,92
SIH-IP-11	2211121P014	017	3313200J005	017							38,4	38,08
SIH-IP-11	2211121P014	018	3313200J005	018	SST	110	3734	410,74	3390	372,9	387,3	388,56
SIH-IP-11	2211121P014	019	3313200J005	019	SST	110	3734	410,74	3390	372,9	387,5	388,44
SIH-IP-11	2211121P014	020	3313200J005	020	SST	110	3734	410,74	3390	372,9	384,7	385,89
SIH-IP-11	2211121P014	021	3313200J005	021	SST	110	3734	410,74	3390	372,9	386,7	387,76
SIH-IP-11	2211121P014	023	3313200J005	023	BRASS	1,4	3734	5,2276	3390	4,746	5,044	4,99
SIH-IP-11	2211121P014	024	3313200J005	024	BRASS	1,4	3734	5,2276	3390	4,746	5,017	4,94
SIH-IP-11	2211121P014	028	3313200J005	028							37,46	37,47
SIH-IP-11	2211121P014	029	3313200J005	029	SST	110	3734	410,74	3390	372,9	386,2	387,73
SIH-IP-11	2211121P014	030	3313200J005	030	SST	110	3734	410,74	3390	372,9	386,4	387,52
SIH-IP-11	2211121P014	031	3313200J005	031	SST	110	3734	410,74	3390	372,9	386,7	387,63
SIH-IP-11	2211121P014	032	3313200J005	032	SST	110	3734	410,74	3390	372,9	386,7	387,63
SIH-IP-11	2211121P014	033	3313200J005	033							38,18	38,02
SIH-IP-11	2211121P014	039	3313200J005	039	SST	110	3734	410,74	3390	372,9	386,8	387,78

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-11	2211121P014	040	3313200J005	040	SST	110	3734	410,74	3390	372,9	388,2	389,13
SIH-IP-11	2211121P014	041	3313200J005	041	SST	110	3734	410,74	3390	372,9	384,9	385,87
SIH-IP-11	2211121P014	042	3313200J005	042	SST	110	3734	410,74	3390	372,9	386,2	387,18
SIH-IP-11	2211121P014	045	3313200J005	045							24,09	24,02
SIH-IP-11	2211121P014	048	3313200J005	048							37,81	37,55
SIH-IP-11	2211121P014	049	3313200J005	049	SST	110	3734	410,74	3390	372,9	388,3	389,35
SIH-IP-11	2211121P014	050	3313200J005	050	SST	110	3734	410,74	3390	372,9	388	388,97
SIH-IP-11	2211121P014	052	3313200J005	052	BRASS	1,4	3734	5,2276	3390	4,746	4,841	4,85
SIH-IP-11	2211121P014	053	3313200J005	053	BRASS	1,4	3734	5,2276	3390	4,746	4,847	4,86
SIH-IP-11	2211121P014	054	3313200J005	054	BRASS	1,4	3734	5,2276	3390	4,746	4,854	4,88
SIH-IP-11	2211121P014	055	3313200J005	055	BRASS	1,4	3734	5,2276	3390	4,746	4,876	4,89
SIH-IP-11	2211121P014	060	3313200J005	060	SST	110	3734	410,74	3390	372,9	387,6	388,65
SIH-IP-11	2211121P014	061	3313200J005	061	SST	110	3734	410,74	3390	372,9	386,4	387,30
SIH-IP-11	2211121P014	063	3313200J005	063	BRASS	1,4	3734	5,2276	3390	4,746	4,848	4,78
SIH-IP-11	2211121P014	064	3313200J005	064	BRASS	1,4	3734	5,2276	3390	4,746	4,858	4,79
SIH-IP-11	2211121P014	065	3313200J005	065	BRASS	1,4	3734	5,2276	3390	4,746	4,86	4,78
SIH-IP-11	2211121P014	066	3313200J005	066	BRASS	1,4	3734	5,2276	3390	4,746	4,851	4,78
SIH-IP-11	2211121P014	069	3313200J005	069							37,93	37,90
SIH-IP-11	2211121P014	070	3313200J005	070	SST	110	3734	410,74	3390	372,9	387,4	388,32
SIH-IP-11	2211121P014	071	3313200J005	071	SST	110	3734	410,74	3390	372,9	387,8	388,78
SIH-IP-11	2211121P014	073	3313200J005	073	BRASS	1,4	3734	5,2276	3390	4,746	4,89	4,78
SIH-IP-11	2211121P014	074	3313200J005	074	BRASS	1,4	3734	5,2276	3390	4,746	4,865	4,79
SIH-IP-11	2211121P014	075	3313200J005	075	BRASS	1,4	3734	5,2276	3390	4,746	4,871	4,77
SIH-IP-11	2211121P014	076	3313200J005	076	BRASS	1,4	3734	5,2276	3390	4,746	4,896	4,85
SIH-IP-11	2211121P014	080	3313200J005	080	SST	110	3734	410,74	3390	372,9	385,1	386,21
SIH-IP-11	2211121P014	081	3313200J005	081	SST	110	3734	410,74	3390	372,9	386,8	387,85
SIH-IP-11	2211121P014	082	3313200J005	082	SST	110	3734	410,74	3390	372,9	386,7	387,78
SIH-IP-11	2211121P014	083	3313200J005	083	SST	110	3734	410,74	3390	372,9	386,7	387,69
SIH-IP-11	2211121P014	084	3313200J005	084							38,29	38,38
SIH-IP-11	2211121P014	087	3313200J005	087							37,78	37,85
SIH-IP-11	2211121P014	088	3313200J005	088	SST	110	3734	410,74	3390	372,9	386,7	387,40
SIH-IP-11	2211121P014	089	3313200J005	089	SST	110	3734	410,74	3390	372,9	387,1	388,01
SIH-IP-11	2211121P014	090	3313200J005	090	SST	110	3734	410,74	3390	372,9	386,9	387,79
SIH-IP-11	2211121P014	091	3313200J005	091	SST	110	3734	410,74	3390	372,9	385,6	386,55
SIH-IP-11	2211121P014	GND	3313200J005	GND							3,024	1,15

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-12	2211121P015	003	3313200J007	003							39,03	38,96
SIH-IP-12	2211121P015	004	3313200J007	004	SST	110	3899	428,89	3560	391,6	403,7	405,23
SIH-IP-12	2211121P015	005	3313200J007	005	SST	110	3899	428,89	3560	391,6	402,8	404,01
SIH-IP-12	2211121P015	006	3313200J007	006	SST	110	3899	428,89	3560	391,6	404	405,31
SIH-IP-12	2211121P015	007	3313200J007	007	SST	110	3899	428,89	3560	391,6	404,1	405,33
SIH-IP-12	2211121P015	010	3313200J007	010	SST	110	3899	428,89	3560	391,6	402,8	404,19
SIH-IP-12	2211121P015	011	3313200J007	011	SST	110	3899	428,89	3560	391,6	404,6	405,97
SIH-IP-12	2211121P015	013	3313200J007	013							29,57	29,50
SIH-IP-12	2211121P015	014	3313200J007	014	BRASS	1,4	3899	5,4586	3560	4,984	5,216	5,17
SIH-IP-12	2211121P015	015	3313200J007	015	BRASS	1,4	3899	5,4586	3560	4,984	5,33	5,23
SIH-IP-12	2211121P015	017	3313200J007	017							39,42	39,05
SIH-IP-12	2211121P015	018	3313200J007	018	SST	110	3899	428,89	3560	391,6	404,6	405,84
SIH-IP-12	2211121P015	019	3313200J007	019	SST	110	3899	428,89	3560	391,6	404,7	406,01
SIH-IP-12	2211121P015	020	3313200J007	020	SST	110	3899	428,89	3560	391,6	405,4	406,81
SIH-IP-12	2211121P015	021	3313200J007	021	SST	110	3899	428,89	3560	391,6	403	404,37
SIH-IP-12	2211121P015	023	3313200J007	023	BRASS	1,4	3899	5,4586	3560	4,984	5,298	5,21
SIH-IP-12	2211121P015	024	3313200J007	024	BRASS	1,4	3899	5,4586	3560	4,984	5,343	5,23
SIH-IP-12	2211121P015	028	3313200J007	028							38,86	38,57
SIH-IP-12	2211121P015	029	3313200J007	029	SST	110	3899	428,89	3560	391,6	404,9	406,36
SIH-IP-12	2211121P015	030	3313200J007	030	SST	110	3899	428,89	3560	391,6	404,7	406,04
SIH-IP-12	2211121P015	031	3313200J007	031	SST	110	3899	428,89	3560	391,6	404,3	405,68
SIH-IP-12	2211121P015	032	3313200J007	032	SST	110	3899	428,89	3560	391,6	411,9	405,70
SIH-IP-12	2211121P015	033	3313200J007	033							39,38	38,35
SIH-IP-12	2211121P015	039	3313200J007	039	SST	110	3899	428,89	3560	391,6	404,1	405,35
SIH-IP-12	2211121P015	040	3313200J007	040	SST	110	3899	428,89	3560	391,6	406,1	407,33
SIH-IP-12	2211121P015	041	3313200J007	041	SST	110	3899	428,89	3560	391,6	404,4	405,70
SIH-IP-12	2211121P015	042	3313200J007	042	SST	110	3899	428,89	3560	391,6	402,6	403,84
SIH-IP-12	2211121P015	045	3313200J007	045							25,51	25,58
SIH-IP-12	2211121P015	048	3313200J007	048							39,22	38,46
SIH-IP-12	2211121P015	049	3313200J007	049	SST	110	3899	428,89	3560	391,6	406,8	407,83
SIH-IP-12	2211121P015	050	3313200J007	050	SST	110	3899	428,89	3560	391,6	406,2	407,27
SIH-IP-12	2211121P015	052	3313200J007	052	BRASS	1,4	3899	5,4586	3560	4,984	5,076	5,09
SIH-IP-12	2211121P015	053	3313200J007	053	BRASS	1,4	3899	5,4586	3560	4,984	5,108	5,10
SIH-IP-12	2211121P015	054	3313200J007	054	BRASS	1,4	3899	5,4586	3560	4,984	5,075	5,11
SIH-IP-12	2211121P015	055	3313200J007	055	BRASS	1,4	3899	5,4586	3560	4,984	5,073	5,12
SIH-IP-12	2211121P015	060	3313200J007	060	SST	110	3899	428,89	3560	391,6	405,5	406,80

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASSED / IDAS)
SIH-IP-12	2211121P015	061	3313200J007	061	SST	110	3899	428,89	3560	391,6	405,4	406,54
SIH-IP-12	2211121P015	063	3313200J007	063	BRASS	1,4	3899	5,4586	3560	4,984	5,08	5,02
SIH-IP-12	2211121P015	064	3313200J007	064	BRASS	1,4	3899	5,4586	3560	4,984	5,136	5,02
SIH-IP-12	2211121P015	065	3313200J007	065	BRASS	1,4	3899	5,4586	3560	4,984	5,111	5,02
SIH-IP-12	2211121P015	066	3313200J007	066	BRASS	1,4	3899	5,4586	3560	4,984	5,071	5,01
SIH-IP-12	2211121P015	069	3313200J007	069						#	38,99	38,61
SIH-IP-12	2211121P015	070	3313200J007	070	SST	110	3899	428,89	3560	391,6	405,6	406,80
SIH-IP-12	2211121P015	071	3313200J007	071	SST	110	3899	428,89	3560	391,6	403,8	404,92
SIH-IP-12	2211121P015	073	3313200J007	073	BRASS	1,4	3899	5,4586	3560	4,984	5,111	5,02
SIH-IP-12	2211121P015	074	3313200J007	074	BRASS	1,4	3899	5,4586	3560	4,984	5,13	5,02
SIH-IP-12	2211121P015	075	3313200J007	075	BRASS	1,4	3899	5,4586	3560	4,984	5,132	5,01
SIH-IP-12	2211121P015	076	3313200J007	076	BRASS	1,4	3899	5,4586	3560	4,984	5,08	5,08
SIH-IP-12	2211121P015	080	3313200J007	080	SST	110	3899	428,89	3560	391,6	404,8	406,15
SIH-IP-12	2211121P015	081	3313200J007	081	SST	110	3899	428,89	3560	391,6	403,2	404,22
SIH-IP-12	2211121P015	082	3313200J007	082	SST	110	3899	428,89	3560	391,6	405	406,07
SIH-IP-12	2211121P015	083	3313200J007	083	SST	110	3899	428,89	3560	391,6	404,5	405,52
SIH-IP-12	2211121P015	084	3313200J007	084							39,24	38,79
SIH-IP-12	2211121P015	087	3313200J007	087							39,48	39,15
SIH-IP-12	2211121P015	088	3313200J007	088	SST	110	3899	428,89	3560	391,6	404,8	405,94
SIH-IP-12	2211121P015	089	3313200J007	089	SST	110	3899	428,89	3560	391,6	405,1	406,07
SIH-IP-12	2211121P015	090	3313200J007	090	SST	110	3899	428,89	3560	391,6	404,7	405,72
SIH-IP-12	2211121P015	091	3313200J007	091	SST	110	3899	428,89	3560	391,6	402,9	403,81
SIH-IP-12	2211121P015	GND	3313200J007	GND							3,035	1,23
SIH-IP-13	3211121P007	001	3313100J006	001	SST	110	2398	263,78	2085	229,35	248,5	245,75
SIH-IP-13	3211121P007	002	3313100J006	002	SST	110	2398	263,78	2085	229,35	247,3	245,51
SIH-IP-13	3211121P007	003	3313100J006	003	SST	110	2398	263,78	2085	229,35	247,8	245,79
SIH-IP-13	3211121P007	004	3313100J006	004	SST	110	2398	263,78	2085	229,35	243,9	243,66
SIH-IP-13	3211121P007	005	3313100J006	005	SST	110	2398	263,78	2085	229,35	246,2	243,71
SIH-IP-13	3211121P007	006	3313100J006	006	SST	110	2398	263,78	2085	229,35	245,6	243,41
SIH-IP-13	3211121P007	007	3313100J006	007	SST	110	2398	263,78	2085	229,35	245,2	243,10
SIH-IP-13	3211121P007	008	3313100J006	008						0	29,77	29,37
SIH-IP-13	3211121P007	009	3313100J006	009	SST	110	2398	263,78	2085	229,35	242,2	241,78
SIH-IP-13	3211121P007	010	3313100J006	010	SST	110	2398	263,78	2085	229,35	246,2	245,58
SIH-IP-13	3211121P007	011	3313100J006	011	SST	110	2398	263,78	2085	229,35	244,6	242,84
SIH-IP-13	3211121P007	012	3313100J006	012	SST	110	2398	263,78	2085	229,35	245	243,04

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-13	3211121P007	013	3313100J006	013	SST	110	2398	263,78	2085	229,35	243,8	243,28
SIH-IP-13	3211121P007	014	3313100J006	014	SST	110	2398	263,78	2085	229,35	243,8	242,01
SIH-IP-13	3211121P007	017	3313100J006	017	SST	110	2398	263,78	2085	229,35	245,5	244,89
SIH-IP-13	3211121P007	018	3313100J006	018	SST	110	2398	263,78	2085	229,35	241,7	241,32
SIH-IP-13	3211121P007	021	3313100J006	021						0	34,04	33,79
SIH-IP-13	3211121P007	022	3313100J006	022	SST	110	2398	263,78	2085	229,35	244,1	241,93
SIH-IP-13	3211121P007	023	3313100J006	023	SST	110	2398	263,78	2085	229,35	244,7	242,61
SIH-IP-13	3211121P007	024	3313100J006	024	SST	110	2398	263,78	2085	229,35	244	242,44
SIH-IP-13	3211121P007	028	3313100J006	028	SST	110	2398	263,78	2085	229,35	247,1	245,45
SIH-IP-13	3211121P007	032	3313100J006	032						0	33,8	33,87
SIH-IP-13	3211121P007	034	3313100J006	034	SST	110	2398	263,78	2085	229,35	242,3	241,70
SIH-IP-13	3211121P007	035	3313100J006	035	BRASS	1,4	2398	3,3572	2085	2,919	3,162	3,16
SIH-IP-13	3211121P007	041	3313100J006	041	SST	110	2398	263,78	2085	229,35	246,8	246,25
SIH-IP-13	3211121P007	042	3313100J006	042	SST	110	2398	263,78	2085	229,35	242,8	242,31
SIH-IP-13	3211121P007	043	3313100J006	043	SST	110	2398	263,78	2085	229,35	248,7	246,27
SIH-IP-13	3211121P007	044	3313100J006	044	SST	110	2398	263,78	2085	229,35	247,1	246,36
SIH-IP-13	3211121P007	045	3313100J006	045						0	33,62	33,43
SIH-IP-13	3211121P007	046	3313100J006	046	BRASS	1,4	2398	3,3572	2085	2,919	3,169	3,16
SIH-IP-13	3211121P007	047	3313100J006	047	BRASS	1,4	2398	3,3572	2085	2,919	3,148	3,13
SIH-IP-13	3211121P007	050	3313100J006	050						0	33,43	33,54
SIH-IP-13	3211121P007	051	3313100J006	051	SST	110	2398	263,78	2085	229,35	244,3	243,72
SIH-IP-13	3211121P007	052	3313100J006	052	SST	110	2398	263,78	2085	229,35	244	243,39
SIH-IP-13	3211121P007	053	3313100J006	053	SST	110	2398	263,78	2085	229,35	243,3	242,72
SIH-IP-13	3211121P007	054	3313100J006	054	SST	110	2398	263,78	2085	229,35	248,1	246,24
SIH-IP-13	3211121P007	055	3313100J006	055	SST	110	2398	263,78	2085	229,35	247,8	245,64
SIH-IP-13	3211121P007	056	3313100J006	056	SST	110	2398	263,78	2085	229,35	248,1	246,57
SIH-IP-13	3211121P007	057	3313100J006	057							22,17	22,20
SIH-IP-13	3211121P007	058	3313100J006	058	BRASS	1,4	2398	3,3572	2085	2,919	3,153	3,12
SIH-IP-13	3211121P007	062	3313100J006	062	SST	110	2398	263,78	2085	229,35	244,5	243,95
SIH-IP-13	3211121P007	063	3313100J006	063	SST	110	2398	263,78	2085	229,35	244,5	243,83
SIH-IP-13	3211121P007	064	3313100J006	064							29,39	29,36
SIH-IP-13	3211121P007	068	3313100J006	068	SST	110	2398	263,78	2085	229,35	248,6	246,19
SIH-IP-13	3211121P007	072	3313100J006	072							29,71	29,66
SIH-IP-13	3211121P007	073	3313100J006	073	SST	55	2398	131,89	2085	114,675	124,1	122,97
SIH-IP-13	3211121P007	074	3313100J006	074	SST	110	2398	263,78	2085	229,35	247	245,82
SIH-IP-13	3211121P007	075	3313100J006	075	SST	110	2398	263,78	2085	229,35	244,4	242,03

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-13	3211121P007	076	3313100J006	076							30,05	30,26
SIH-IP-13	3211121P007	077	3313100J006	077	SST	110	2398	263,78	2085	229,35	246,9	246,35
SIH-IP-13	3211121P007	078	3313100J006	078	SST	110	2398	263,78	2085	229,35	248,9	246,59
SIH-IP-13	3211121P007	079	3313100J006	079	SST	110	2398	263,78	2085	229,35	244,3	242,21
SIH-IP-13	3211121P007	080	3313100J006	080							22,49	22,61
SIH-IP-13	3211121P007	081	3313100J006	081	BRASS	1,4	2398	3,3572	2085	2,919	3,159	3,10
SIH-IP-13	3211121P007	084	3313100J006	084	SST	55	2398	131,89	2085	114,675	124,2	122,85
SIH-IP-13	3211121P007	085	3313100J006	085	SST	110	2398	263,78	2085	229,35	246,7	246,03
SIH-IP-13	3211121P007	086	3313100J006	086	SST	110	2398	263,78	2085	229,35	244,1	241,89
SIH-IP-13	3211121P007	087	3313100J006	087	SST	110	2398	263,78	2085	229,35	246,5	245,95
SIH-IP-13	3211121P007	088	3313100J006	088	SST	110	2398	263,78	2085	229,35	246,8	246,08
SIH-IP-13	3211121P007	089	3313100J006	089	SST	110	2398	263,78	2085	229,35	247,2	246,40
SIH-IP-13	3211121P007	090	3313100J006	090	SST	110	2398	263,78	2085	229,35	243	242,24
SIH-IP-13	3211121P007	091	3313100J006	091							33,58	33,52
SIH-IP-13	3211121P007	092	3313100J006	092	BRASS	1,4	2398	3,3572	2085	2,919	3,215	3,13
SIH-IP-13	3211121P007	093	3313100J006	093	BRASS	1,4	2398	3,3572	2085	2,919	3,19	3,10
SIH-IP-13	3211121P007	095	3313100J006	095	SST	55	2398	131,89	2085	114,675	123,3	121,96
SIH-IP-13	3211121P007	096	3313100J006	096	SST	110	2398	263,78	2085	229,35	248,4	246,20
SIH-IP-13	3211121P007	097	3313100J006	097	SST	110	2398	263,78	2085	229,35	246,7	246,05
SIH-IP-13	3211121P007	098	3313100J006	098							23,2	23,06
SIH-IP-13	3211121P007	099	3313100J006	099	BRASS	1,4	2398	3,3572	2085	2,919	3,242	3,13
SIH-IP-13	3211121P007	100	3313100J006	100	BRASS	1,4	2398	3,3572	2085	2,919	3,161	3,07
SIH-IP-13	3211121P007	101	3313100J006	101							33,95	33,88
SIH-IP-13	3211121P007	103	3313100J006	103	SST	110	2398	263,78	2085	229,35	245,4	243,37
SIH-IP-13	3211121P007	104	3313100J006	104	BRASS	1,4	2398	3,3572	2085	2,919	3,205	3,23
SIH-IP-13	3211121P007	105	3313100J006	105							29,78	29,91
SIH-IP-13	3211121P007	106	3313100J006	106	SST	55	2398	131,89	2085	114,675	124,3	123,02
SIH-IP-13	3211121P007	107	3313100J006	107	SST	110	2398	263,78	2085	229,35	243,5	241,89
SIH-IP-13	3211121P007	108	3313100J006	108	SST	110	2398	263,78	2085	229,35	246,9	246,06
SIH-IP-13	3211121P007	109	3313100J006	109	BRASS	1,4	2398	3,3572	2085	2,919	3,203	3,20
SIH-IP-13	3211121P007	110	3313100J006	110	BRASS	1,4	2398	3,3572	2085	2,919	3,174	3,17
SIH-IP-13	3211121P007	111	3313100J006	111							34,22	34,27
SIH-IP-13	3211121P007	112	3313100J006	112	SST	110	2398	263,78	2085	229,35	246,4	244,43
SIH-IP-13	3211121P007	113	3313100J006	113	SST	110	2398	263,78	2085	229,35	244,2	242,52
SIH-IP-13	3211121P007	114	3313100J006	114	SST	110	2398	263,78	2085	229,35	243,5	242,61
SIH-IP-13	3211121P007	116	3313100J006	116	BRASS	1,4	2398	3,3572	2085	2,919	3,203	3,14

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-13	3211121P007	117	3313100J006	117	BRASS	1,4	2398	3,3572	2085	2,919	3,188	3,12
SIH-IP-13	3211121P007	118	3313100J006	118	SST	110	2398	263,78	2085	229,35	246,3	245,75
SIH-IP-13	3211121P007	119	3313100J006	119	SST	110	2398	263,78	2085	229,35	246,8	244,30
SIH-IP-13	3211121P007	120	3313100J006	120	SST	110	2398	263,78	2085	229,35	245,7	243,51
SIH-IP-13	3211121P007	121	3313100J006	121	SST	110	2398	263,78	2085	229,35	244,1	243,47
SIH-IP-13	3211121P007	122	3313100J006	122							23,04	22,96
SIH-IP-13	3211121P007	123	3313100J006	123	BRASS	1,4	2398	3,3572	2085	2,919	3,185	3,13
SIH-IP-13	3211121P007	124	3313100J006	124	BRASS	1,4	2398	3,3572	2085	2,919	3,194	3,12
SIH-IP-13	3211121P007	125	3313100J006	125	SST	110	2398	263,78	2085	229,35	245,4	244,72
SIH-IP-13	3211121P007	126	3313100J006	126	SST	110	2398	263,78	2085	229,35	245,3	244,61
SIH-IP-13	3211121P007	127	3313100J006	127	SST	110	2398	263,78	2085	229,35	247,8	244,61
SIH-IP-13	3211121P007	128	3313100J006	128	SST	110	2398	263,78	2085	229,35	246,7	244,68
SIH-IP-13	3211121P007	GND	3313100J006	GND							2,678	0,94
SIH-IP-14	2211121P003	001	3313100J004	001							30,43	29,94
SIH-IP-14	2211121P003	002	3313100J004	002	SST	110	2256	248,16	1930	212,3	229,8	228,33
SIH-IP-14	2211121P003	003	3313100J004	003	SST	110	2256	248,16	1930	212,3	227,1	226,77
SIH-IP-14	2211121P003	004	3313100J004	004	SST	110	2256	248,16	1930	212,3	230,2	227,77
SIH-IP-14	2211121P003	005	3313100J004	005							32,54	32,50
SIH-IP-14	2211121P003	006	3313100J004	006	SST	110	2256	248,16	1930	212,3	231,3	229,48
SIH-IP-14	2211121P003	007	3313100J004	007	SST	110	2256	248,16	1930	212,3	231,4	229,55
SIH-IP-14	2211121P003	008	3313100J004	008	SST	55	2256	124,08	1930	106,15	114,1	113,36
SIH-IP-14	2211121P003	009	3313100J004	009	SST	110	2256	248,16	1930	212,3	228,1	226,98
SIH-IP-14	2211121P003	012	3313100J004	012	SST	110	2256	248,16	1930	212,3	230,4	228,52
SIH-IP-14	2211121P003	013	3313100J004	013	SST	110	2256	248,16	1930	212,3	230,4	228,81
SIH-IP-14	2211121P003	014	3313100J004	014	SST	110	2256	248,16	1930	212,3	230,6	229,94
SIH-IP-14	2211121P003	015	3313100J004	015	SST	55	2256	124,08	1930	106,15	114,6	113,77
SIH-IP-14	2211121P003	016	3313100J004	016	SST	110	2256	248,16	1930	212,3	226,9	226,51
SIH-IP-14	2211121P003	017	3313100J004	017							32,94	32,63
SIH-IP-14	2211121P003	021	3313100J004	021	SST	110	2256	248,16	1930	212,3	232,2	229,96
SIH-IP-14	2211121P003	022	3313100J004	022	SST	110	2256	248,16	1930	212,3	233,4	229,75
SIH-IP-14	2211121P003	023	3313100J004	023							22,22	22,24
SIH-IP-14	2211121P003	024	3313100J004	024	SST	110	2256	248,16	1930	212,3	228,5	227,96
SIH-IP-14	2211121P003	025	3313100J004	025	SST	110	2256	248,16	1930	212,3	224,7	224,19
SIH-IP-14	2211121P003	026	3313100J004	026	SST	110	2256	248,16	1930	212,3	228	226,74
SIH-IP-14	2211121P003	027	3313100J004	027	SST	110	2256	248,16	1930	212,3	227,9	226,12

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-14	2211121P003	028	3313100J004	028	SST	110	2256	248,16	1930	212,3	230	229,56
SIH-IP-14	2211121P003	029	3313100J004	029	SST	110	2256	248,16	1930	212,3	231,8	229,62
SIH-IP-14	2211121P003	030	3313100J004	030	SST	110	2256	248,16	1930	212,3	227,8	226,15
SIH-IP-14	2211121P003	031	3313100J004	031							32,71	32,74
SIH-IP-14	2211121P003	032	3313100J004	032	SST	110	2256	248,16	1930	212,3	230,1	228,28
SIH-IP-14	2211121P003	033	3313100J004	033	SST	110	2256	248,16	1930	212,3	230,9	229,36
SIH-IP-14	2211121P003	034	3313100J004	034	BRASS	1,4	2256	3,1584	1930	2,702	3	2,97
SIH-IP-14	2211121P003	035	3313100J004	035	BRASS	1,4	2256	3,1584	1930	2,702	3,001	3,00
SIH-IP-14	2211121P003	036	3313100J004	036	SST	110	2256	248,16	1930	212,3	226,9	224,60
SIH-IP-14	2211121P003	037	3313100J004	037	SST	110	2256	248,16	1930	212,3	226,4	225,70
SIH-IP-14	2211121P003	038	3313100J004	038							34,92	34,75
SIH-IP-14	2211121P003	039	3313100J004	039	SST	110	2256	248,16	1930	212,3	231,2	229,98
SIH-IP-14	2211121P003	040	3313100J004	040	SST	110	2256	248,16	1930	212,3	230,6	229,87
SIH-IP-14	2211121P003	041	3313100J004	041	SST	110	2256	248,16	1930	212,3	230,5	230,01
SIH-IP-14	2211121P003	042	3313100J004	042	SST	110	2256	248,16	1930	212,3	232	230,02
SIH-IP-14	2211121P003	043	3313100J004	043							32,57	32,54
SIH-IP-14	2211121P003	044	3313100J004	044	SST	110	2256	248,16	1930	212,3	230,4	228,49
SIH-IP-14	2211121P003	045	3313100J004	045	SST	110	2256	248,16	1930	212,3	228,3	227,45
SIH-IP-14	2211121P003	046	3313100J004	046	BRASS	1,4	2256	3,1584	1930	2,702	3	3,00
SIH-IP-14	2211121P003	047	3313100J004	047	BRASS	1,4	2256	3,1584	1930	2,702	2,991	2,99
SIH-IP-14	2211121P003	048	3313100J004	048							34,9	34,93
SIH-IP-14	2211121P003	049	3313100J004	049	SST	110	2256	248,16	1930	212,3	227,6	225,63
SIH-IP-14	2211121P003	050	3313100J004	050							27,72	27,63
SIH-IP-14	2211121P003	051	3313100J004	051	BRASS	1,4	2256	3,1584	1930	2,702	2,866	2,86
SIH-IP-14	2211121P003	052	3313100J004	052	BRASS	1,4	2256	3,1584	1930	2,702	2,877	2,87
SIH-IP-14	2211121P003	053	3313100J004	053	BRASS	1,4	2256	3,1584	1930	2,702	2,857	2,88
SIH-IP-14	2211121P003	054	3313100J004	054							29,12	29,38
SIH-IP-14	2211121P003	055	3313100J004	055	SST	110	2256	248,16	1930	212,3	232,3	232,09
SIH-IP-14	2211121P003	056	3313100J004	056	SST	110	2256	248,16	1930	212,3	232,5	232,07
SIH-IP-14	2211121P003	057	3313100J004	057	SST	110	2256	248,16	1930	212,3	232,3	231,88
SIH-IP-14	2211121P003	058	3313100J004	058	SST	110	2256	248,16	1930	212,3	232	231,49
SIH-IP-14	2211121P003	060	3313100J004	060	SST	55	2256	124,08	1930	106,15	113,4	112,36
SIH-IP-14	2211121P003	061	3313100J004	061	BRASS	1,4	2256	3,1584	1930	2,702	2,812	2,78
SIH-IP-14	2211121P003	062	3313100J004	062							21,65	21,45
SIH-IP-14	2211121P003	063	3313100J004	063	BRASS	1,4	2256	3,1584	1930	2,702	2,89	2,82
SIH-IP-14	2211121P003	064	3313100J004	064	BRASS	1,4	2256	3,1584	1930	2,702	2,858	2,80

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-14	2211121P003	065	3313100J004	065	BRASS	1,4	2256	3,1584	1930	2,702	2,881	2,79
SIH-IP-14	2211121P003	066	3313100J004	066					0		29,04	29,04
SIH-IP-14	2211121P003	067	3313100J004	067	SST	110	2256	248,16	1930	212,3	233,6	232,00
SIH-IP-14	2211121P003	068	3313100J004	068	SST	110	2256	248,16	1930	212,3	232,2	231,68
SIH-IP-14	2211121P003	069	3313100J004	069	SST	110	2256	248,16	1930	212,3	229	228,46
SIH-IP-14	2211121P003	070	3313100J004	070	SST	110	2256	248,16	1930	212,3	230,3	228,21
SIH-IP-14	2211121P003	071	3313100J004	071	SST	55	2256	124,08	1930	106,15	113,4	112,82
SIH-IP-14	2211121P003	072	3313100J004	072	SST	110	2256	248,16	1930	212,3	228	226,72
SIH-IP-14	2211121P003	073	3313100J004	073	BRASS	1,4	2256	3,1584	1930	2,702	2,822	2,77
SIH-IP-14	2211121P003	076	3313100J004	076							22,21	22,11
SIH-IP-14	2211121P003	078	3313100J004	078	SST	110	2256	248,16	1930	212,3	232,1	230,67
SIH-IP-14	2211121P003	079	3313100J004	079	SST	110	2256	248,16	1930	212,3	231,6	230,89
SIH-IP-14	2211121P003	080	3313100J004	080	SST	110	2256	248,16	1930	212,3	232,9	231,33
SIH-IP-14	2211121P003	081	3313100J004	081	SST	110	2256	248,16	1930	212,3	231,5	231,03
SIH-IP-14	2211121P003	082	3313100J004	082							29,82	29,85
SIH-IP-14	2211121P003	083	3313100J004	083	SST	110	2256	248,16	1930	212,3	226,3	225,96
SIH-IP-14	2211121P003	085	3313100J004	085	BRASS	1,4	2256	3,1584	1930	2,702	3,068	2,98
SIH-IP-14	2211121P003	086	3313100J004	086	BRASS	1,4	2256	3,1584	1930	2,702	2,995	2,95
SIH-IP-14	2211121P003	087	3313100J004	087	BRASS	1,4	2256	3,1584	1930	2,702	2,992	2,94
SIH-IP-14	2211121P003	088	3313100J004	088	BRASS	1,4	2256	3,1584	1930	2,702	2,958	2,91
SIH-IP-14	2211121P003	090	3313100J004	090	SST	110	2256	248,16	1930	212,3	228,6	227,20
SIH-IP-14	2211121P003	091	3313100J004	091	SST	110	2256	248,16	1930	212,3	233,4	231,28
SIH-IP-14	2211121P003	092	3313100J004	092	SST	110	2256	248,16	1930	212,3	228,8	227,71
SIH-IP-14	2211121P003	093	3313100J004	093	SST	110	2256	248,16	1930	212,3	232,2	231,04
SIH-IP-14	2211121P003	095	3313100J004	095	SST	110	2256	248,16	1930	212,3	228,6	226,45
SIH-IP-14	2211121P003	096	3313100J004	096	SST	110	2256	248,16	1930	212,3	226,3	225,73
SIH-IP-14	2211121P003	097	3313100J004	097	BRASS	1,4	2256	3,1584	1930	2,702	2,999	2,99
SIH-IP-14	2211121P003	098	3313100J004	098	BRASS	1,4	2256	3,1584	1930	2,702	2,982	2,91
SIH-IP-14	2211121P003	099	3313100J004	099	BRASS	1,4	2256	3,1584	1930	2,702	3,03	2,93
SIH-IP-14	2211121P003	100	3313100J004	100	BRASS	1,4	2256	3,1584	1930	2,702	2,98	2,90
SIH-IP-14	2211121P003	101	3313100J004	101							28,77	28,84
SIH-IP-14	2211121P003	102	3313100J004	102							21,92	21,84
SIH-IP-14	2211121P003	103	3313100J004	103	BRASS	1,4	2256	3,1584	1930	2,702	3,035	3,01
SIH-IP-14	2211121P003	106	3313100J004	106	SST	110	2256	248,16	1930	212,3	226,9	226,43
SIH-IP-14	2211121P003	107	3313100J004	107	SST	110	2256	248,16	1930	212,3	227,4	226,78
SIH-IP-14	2211121P003	108	3313100J004	108							22,54	22,25

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-14	2211121P003	109	3313100J004	109							32,03	32,10
SIH-IP-14	2211121P003	110	3313100J004	110							32	32,09
SIH-IP-14	2211121P003	111	3313100J004	111							32,58	32,58
SIH-IP-14	2211121P003	112	3313100J004	112	SST	110	2256	248,16	1930	212,3	229,7	228,14
SIH-IP-14	2211121P003	113	3313100J004	113	BRASS	1,4	2256	3,1584	1930	2,702	2,988	2,93
SIH-IP-14	2211121P003	114	3313100J004	114	BRASS	1,4	2256	3,1584	1930	2,702	3,03	2,94
SIH-IP-14	2211121P003	116	3313100J004	116	SST	110	2256	248,16	1930	212,3	227,9	225,41
SIH-IP-14	2211121P003	117	3313100J004	117	SST	110	2256	248,16	1930	212,3	227,1	226,50
SIH-IP-14	2211121P003	118	3313100J004	118	SST	110	2256	248,16	1930	212,3	229,2	227,26
SIH-IP-14	2211121P003	119	3313100J004	119	SST	110	2256	248,16	1930	212,3	227,6	225,72
SIH-IP-14	2211121P003	120	3313100J004	120	SST	110	2256	248,16	1930	212,3	230	227,73
SIH-IP-14	2211121P003	121	3313100J004	121	BRASS	1,4	2256	3,1584	1930	2,702	3	2,98
SIH-IP-14	2211121P003	122	3313100J004	122							32,16	32,39
SIH-IP-14	2211121P003	123	3313100J004	123	SST	110	2256	248,16	1930	212,3	229,3	227,08
SIH-IP-14	2211121P003	124	3313100J004	124	SST	110	2256	248,16	1930	212,3	228,2	226,30
SIH-IP-14	2211121P003	125	3313100J004	125	SST	110	2256	248,16	1930	212,3	227,3	226,84
SIH-IP-14	2211121P003	126	3313100J004	126	SST	110	2256	248,16	1930	212,3	229,8	227,20
SIH-IP-14	2211121P003	127	3313100J004	127	SST	110	2256	248,16	1930	212,3	228,9	228,41
SIH-IP-14	2211121P003	128	3313100J004	128	SST	110	2256	248,16	1930	212,3	229,6	226,97
SIH-IP-14	2211121P003	GND	3313100J004	GND							2,594	0,77
SIH-IP-15	3211121P004	002	3313100J005	002							36,25	36,35
SIH-IP-15	3211121P004	003	3313100J005	003	SST	110	2715	298,65	2385	262,35	272,7	272,56
SIH-IP-15	3211121P004	004	3313100J005	004	SST	110	2715	298,65	2385	262,35	273,8	273,47
SIH-IP-15	3211121P004	005	3313100J005	005	SST	110	2715	298,65	2385	262,35	278,9	274,90
SIH-IP-15	3211121P004	006	3313100J005	006	SST	110	2715	298,65	2385	262,35	276,4	274,40
SIH-IP-15	3211121P004	007	3313100J005	007							33,43	33,16
SIH-IP-15	3211121P004	013	3313100J005	013	SST	110	2715	298,65	2385	262,35	274,7	272,69
SIH-IP-15	3211121P004	014	3313100J005	014	SST	110	2715	298,65	2385	262,35	275,8	273,99
SIH-IP-15	3211121P004	015	3313100J005	015	SST	55	2715	149,325	2385	131,175	137,1	136,47
SIH-IP-15	3211121P004	021	3313100J005	021	SST	110	2715	298,65	2385	262,35	274,6	272,73
SIH-IP-15	3211121P004	022	3313100J005	022							39,24	39,11
SIH-IP-15	3211121P004	023	3313100J005	023	SST	110	2715	298,65	2385	262,35	275,5	273,70
SIH-IP-15	3211121P004	024	3313100J005	024	SST	55	2715	149,325	2385	131,175	137,1	136,91
SIH-IP-15	3211121P004	031	3313100J005	031							40	39,28
SIH-IP-15	3211121P004	032	3313100J005	032	SST	110	2715	298,65	2385	262,35	277,1	275,27

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)
SIH-IP-15	3211121P004	033	3313100J005	033	SST	55	2715	149,325	2385	131,175	138,8	137,92
SIH-IP-15	3211121P004	034	3313100J005	034	SST	55	2715	149,325	2385	131,175	137,4	137,31
SIH-IP-15	3211121P004	042	3313100J005	042	SST	110	2715	298,65	2385	262,35	277,6	274,89
SIH-IP-15	3211121P004	043	3313100J005	043							33,21	33,26
SIH-IP-15	3211121P004	044	3313100J005	044	SST	110	2715	298,65	2385	262,35	275,8	275,45
SIH-IP-15	3211121P004	045	3313100J005	045	SST	110	2715	298,65	2385	262,35	276,2	274,95
SIH-IP-15	3211121P004	050	3313100J005	050							32,24	32,07
SIH-IP-15	3211121P004	051	3313100J005	051	SST	110	2715	298,65	2385	262,35	281	280,01
SIH-IP-15	3211121P004	052	3313100J005	052	SST	110	2715	298,65	2385	262,35	276,1	275,71
SIH-IP-15	3211121P004	053	3313100J005	053	SST	110	2715	298,65	2385	262,35	282	279,91
SIH-IP-15	3211121P004	054	3313100J005	054	SST	110	2715	298,65	2385	262,35	280,7	279,21
SIH-IP-15	3211121P004	055	3313100J005	055	BRASS	1,4	2715	3,801	2385	3,339	3,452	3,47
SIH-IP-15	3211121P004	061	3313100J005	061	SST	110	2715	298,65	2385	262,35	281,7	279,76
SIH-IP-15	3211121P004	062	3313100J005	062	SST	110	2715	298,65	2385	262,35	277	274,73
SIH-IP-15	3211121P004	063	3313100J005	063	SST	110	2715	298,65	2385	262,35	279,8	279,26
SIH-IP-15	3211121P004	064	3313100J005	064	SST	110	2715	298,65	2385	262,35	282,2	279,89
SIH-IP-15	3211121P004	065	3313100J005	065	BRASS	1,4	2715	3,801	2385	3,339	3,442	3,36
SIH-IP-15	3211121P004	066	3313100J005	066							30,55	30,57
SIH-IP-15	3211121P004	068	3313100J005	068	BRASS	1,4	2715	3,801	2385	3,339	3,482	3,38
SIH-IP-15	3211121P004	069	3313100J005	069	BRASS	1,4	2715	3,801	2385	3,339	3,469	3,38
SIH-IP-15	3211121P004	070	3313100J005	070	BRASS	1,4	2715	3,801	2385	3,339	3,484	3,35
SIH-IP-15	3211121P004	073	3313100J005	073	SST	110	2715	298,65	2385	262,35	281,8	279,98
SIH-IP-15	3211121P004	074	3313100J005	074	SST	110	2715	298,65	2385	262,35	280,3	279,81
SIH-IP-15	3211121P004	075	3313100J005	075	SST	110	2715	298,65	2385	262,35	282,2	280,19
SIH-IP-15	3211121P004	076	3313100J005	076	SST	110	2715	298,65	2385	262,35	280,8	280,05
SIH-IP-15	3211121P004	077	3313100J005	077						0	22,91	22,98
SIH-IP-15	3211121P004	078	3313100J005	078	BRASS	1,4	2715	3,801	2385	3,339	3,45	3,48
SIH-IP-15	3211121P004	079	3313100J005	079	BRASS	1,4	2715	3,801	2385	3,339	3,461	3,50
SIH-IP-15	3211121P004	080	3313100J005	080	BRASS	1,4	2715	3,801	2385	3,339	3,447	3,49
SIH-IP-15	3211121P004	081	3313100J005	081						0	32,01	32,03
SIH-IP-15	3211121P004	082	3313100J005	082	SST	110	2715	298,65	2385	262,35	282	279,96
SIH-IP-15	3211121P004	083	3313100J005	083	SST	110	2715	298,65	2385	262,35	277,3	275,23
SIH-IP-15	3211121P004	084	3313100J005	084	SST	110	2715	298,65	2385	262,35	282,8	280,17
SIH-IP-15	3211121P004	085	3313100J005	085	SST	110	2715	298,65	2385	262,35	276,4	275,83
SIH-IP-15	3211121P004	086	3313100J005	086						0	36,41	36,39
SIH-IP-15	3211121P004	087	3313100J005	087	SST	110	2715	298,65	2385	262,35	275,1	273,86

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (mm) measured by CASA / ASSED	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASSED / IDAS)
SIH-IP-15	3211121P004	088	3313100J005	088	SST	110	2715	298,65	2385	262,35	276,1	273,71
SIH-IP-15	3211121P004	089	3313100J005	089						0	23,87	23,87
SIH-IP-15	3211121P004	090	3313100J005	090	BRASS	1,4	2715	3,801	2385	3,339	3,626	3,53
SIH-IP-15	3211121P004	091	3313100J005	091	BRASS	1,4	2715	3,801	2385	3,339	3,592	3,51
SIH-IP-15	3211121P004	092	3313100J005	092	BRASS	1,4	2715	3,801	2385	3,339	3,584	3,53
SIH-IP-15	3211121P004	093	3313100J005	093						0	24,63	24,42
SIH-IP-15	3211121P004	094	3313100J005	094	SST	110	2715	298,65	2385	262,35	278,8	276,35
SIH-IP-15	3211121P004	095	3313100J005	095	SST	110	2715	298,65	2385	262,35	276,8	274,42
SIH-IP-15	3211121P004	096	3313100J005	096	BRASS	1,4	2715	3,801	2385	3,339	3,581	3,57
SIH-IP-15	3211121P004	097	3313100J005	097	BRASS	1,4	2715	3,801	2385	3,339	3,573	3,56
SIH-IP-15	3211121P004	098	3313100J005	098	BRASS	1,4	2715	3,801	2385	3,339	3,612	3,53
SIH-IP-15	3211121P004	099	3313100J005	099	BRASS	1,4	2715	3,801	2385	3,339	3,611	3,53
SIH-IP-15	3211121P004	100	3313100J005	100	BRASS	1,4	2715	3,801	2385	3,339	3,567	3,48
SIH-IP-15	3211121P004	GND	3313100J005	GND						0	2,608	0,75

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASE / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASE / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASE / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASE / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASE / IDAS
SIH-CP-01	3131100P014	015	211121J009	007	SST	135,35	136,25	131,50	130,39	0,64		267,49	266,64	400	132,51	133,36
SIH-CP-01	3131100P013	025	211121J009	009		36,79	36,99	39,37	38,75	0,46		76,61	75,74			
SIH-CP-01	3131100P014	014	211121J009	012	SST	133,67	132,70	130,70	129,77	0,64		265,01	262,47	400	134,99	137,53
SIH-CP-01	3131100P014	007	211121J009	013	SST	133,53	131,98	130,90	129,75	0,64		265,07	261,73	400	134,93	138,27
SIH-CP-01	3131100P014	008	211121J009	014	SST	135,08	134,62	131,00	129,85	0,64		266,72	264,47	400	133,28	135,53
SIH-CP-01	3131100P013	012	211121J009	017	SST	133,13	133,23	131,50	131,41	0,62		265,25	264,64	400	134,75	135,36
SIH-CP-01	3131100P013	013	211121J009	018	SST	133,53	133,70	131,60	131,53	0,62		265,75	265,23	400	134,25	134,77
SIH-CP-01	3131100P014	009	211121J009	020	SST	270,64	269,08	261,30	260,70	0,63		532,57	529,78	800	267,43	270,22
SIH-CP-01	3131100P014	010	211121J009	021	SST	266,97	271,73	261,10	260,20	0,63		528,70	531,93	800	271,30	268,07
SIH-CP-01	3131100P014	011	211121J009	022	SST	270,17	269,64	264,40	260,69	0,63		535,20	530,33	800	264,80	269,67
SIH-CP-01	3131100P014	012	211121J009	023	SST	271,51	269,38	258,60	258,14	0,63		530,75	527,52	800	269,25	272,48
SIH-CP-01	3131100P014	013	211121J009	024	SST	271,61	265,90	257,60	257,17	0,63		529,84	523,07	800	270,16	276,93
SIH-CP-01	3131100P013	025	211121J009	028			37,07	38,83	38,55	0,46		39,29	75,62			
SIH-CP-01	3131100P014	001	211121J009	030		23,94	22,70	23,75	23,87	0,08		47,77	46,57			
SIH-CP-01	3131100P014	002	211121J009	031	SST	267,11	271,37	261,00	260,63	0,63		528,74	532,00	800	271,26	268,00
SIH-CP-01	3131100P014	003	211121J009	032	SST	270,78	271,27	261,50	261,00	0,63		532,90	532,27	800	267,10	267,73
SIH-CP-01	3131100P014	004	211121J009	033	SST	269,93	266,24	259,80	258,05	0,63		530,36	524,29	800	269,64	275,71
SIH-CP-01	3131100P014	005	211121J009	034	SST	269,93	268,23	260,10	258,23	0,63		530,66	526,46	800	269,34	273,54
SIH-CP-01	3131100P014	006	211121J009	035	SST	270,57	268,10	261,40	260,79	0,64		532,61	528,89	800	267,39	271,11
SIH-CP-01	3131100P013	023	211121J009	039		28,44	28,58	29,34	29,15	0,11		57,89	57,73	200	142,11	142,27
SIH-CP-01	3131100P013	022	211121J009	040	SST	263,24	263,10	261,00	259,10	0,42		524,66	522,20	800	275,34	277,80
SIH-CP-01	3131100P013	009	211121J009	041		28,64	28,76	30,25	30,09	0,11		59,00	58,85	200	141,00	141,15
SIH-CP-01	3131100P013	008	211121J009	042	SST	263,48	263,17	261,40	259,37	0,41		525,29	522,54	800	274,71	277,46
SIH-CP-01	3131100P013	006	211121J009	043		28,71	28,47	29,68	29,56	0,10		58,50	58,03	200	141,50	141,97
SIH-CP-01	3131100P013	019	211121J009	044	SST	264,66	264,34	259,90	259,75	0,41		524,97	524,09	800	275,03	275,91
SIH-CP-01	3131100P013	018	211121J009	045		29,93	30,01	31,97	31,73	0,09		61,99	61,74	200	138,01	138,26
SIH-CP-01	3131100P013	003	211121J009	046		28,51	28,65	30,16	29,87	0,10		58,77	58,52	200	141,23	141,48
SIH-CP-01	3131100P013	016	211121J009	047	SST	264,75	264,48	262,70	261,66	0,42		527,87	526,14	800	272,13	273,86
SIH-CP-01	3131100P012	025	211121J009	048	SST	265,53	265,32	17,42	17,45	0,41		283,36	282,77	800	516,64	517,23
SIH-CP-01	3131100P012	012	211121J009	049		67,43	28,91	30,15	29,97	0,11		97,69	58,88	200	102,31	141,12
SIH-CP-01	3131100P013	011	211121J009	050	SST	262,10	261,94	17,46	17,44	0,42		279,98	279,38	800	520,02	520,62
SIH-CP-01	3131100P013	024	211121J009	051		29,79	30,10	30,03	29,91	0,09		59,91	60,01	200	140,09	139,99

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-01	3131100P013	010	211121J009	052		29,72	29,95	31,70	31,98	0,09		61,51	61,93	200	138,49	138,07
SIH-CP-01	3131100P013	020	211121J009	053		28,71	28,82	29,98	29,82	0,11		58,80	58,64	200	141,20	141,36
SIH-CP-01	3131100P013	021	211121J009	054		29,45	29,66	31,65	31,55	0,09		61,19	61,21	200	138,81	138,79
SIH-CP-01	3131100P013	007	211121J009	055		29,99	30,18	31,52	31,42	0,09		61,60	61,60	200	138,40	138,40
SIH-CP-01	3131100P013	017	211121J009	056		28,64	28,76	30,10	30,08	0,11		58,85	58,84	200	141,15	141,16
SIH-CP-01	3131100P013	005	211121J009	057	SST	263,51	263,30	261,70	260,85	0,41		525,63	524,15	800	274,37	275,85
SIH-CP-01	3131100P013	004	211121J009	058		29,92	30,14	32,06	31,86	0,09		62,07	62,00	200	137,93	138,00
SIH-CP-01	3131100P012	013	211121J009	060		29,78	29,98	29,86	29,98	0,09		59,73	59,96	200	140,27	140,04
SIH-CP-01	3131100P012	020	211121J009	062		29,25	29,38	29,99	29,98	0,10		59,34	59,36	200	140,66	140,64
SIH-CP-01	3131100P013	002	211121J009	063	SST	261,93	261,79	261,10	259,87	0,42		523,45	521,66	800	276,55	278,34
SIH-CP-01	3131100P013	015	211121J009	064		29,72	29,80	31,44	31,43	0,09		61,25	61,23	200	138,75	138,77
SIH-CP-01	3131100P012	006	211121J009	065		28,38	28,69	30,12	30,13	0,10		58,60	58,82	200	141,40	141,18
SIH-CP-01	3131100P012	005	211121J009	066	SST	264,82	265,12	260,10	259,95	0,41		525,33	525,07	800	274,67	274,93
SIH-CP-01	3131100P012	018	211121J009	067		29,78	29,96	31,50	31,58	0,09		61,37	61,54	200	138,63	138,46
SIH-CP-01	3131100P012	004	211121J009	068		29,92	30,09	32,33	32,14	0,09		62,34	62,23	200	137,66	137,77
SIH-CP-01	3131100P012	014	211121J009	069		28,91	29,04	30,49	30,34	0,10		59,50	59,38	200	140,50	140,62
SIH-CP-01	3131100P012	002	211121J009	070	SST	266,84	266,63	261,00	260,81	0,41		528,26	527,44	800	271,74	272,56
SIH-CP-01	3131100P012	011	211121J009	071	SST	263,51	263,38	261,40	259,66	0,41		525,33	523,04	800	274,67	276,96
SIH-CP-01	3131100P012	024	211121J009	072		29,72	29,85	31,92	31,77	0,09		61,73	61,62	200	138,27	138,38
SIH-CP-01	3131100P012	008	211121J009	073	SST	265,77	265,60	259,20	259,17	0,41		525,38	524,77	800	274,62	275,23
SIH-CP-01	3131100P012	021	211121J009	074		30,06	30,24	31,39	31,06	0,09		61,54	61,30	200	138,46	138,70
SIH-CP-01	3131100P013	014	211121J009	075		28,51	28,63	30,23	29,89	0,11		58,84	58,52	200	141,16	141,48
SIH-CP-01	3131100P012	019	211121J009	076	SST	265,40	265,13	261,60	260,42	0,41		527,40	525,55	800	272,60	274,45
SIH-CP-01	3131100P012	007	211121J009	077		29,98	30,16	31,62	31,65	0,09		61,70	61,81	200	138,30	138,19
SIH-CP-01	3131100P012	017	211121J009	078		28,84	29,03	30,24	30,17	0,10		59,18	59,20	200	140,82	140,80
SIH-CP-01	3131100P012	016	211121J009	079	SST	266,34	266,22	262,70	262,06	0,42		529,45	528,28	800	270,55	271,72
SIH-CP-01	3131100P012	003	211121J009	080		28,91	29,12	30,28	30,39	0,11		59,30	59,51	200	140,70	140,49
SIH-CP-01	3131100P012	015	211121J009	081		29,99	30,16	31,85	31,84	0,09		61,93	62,00	200	138,07	138,00
SIH-CP-01	3131100P012	023	211121J009	083		28,57	28,75	30,41	30,26	0,13		59,11	59,01	200	140,89	140,99
SIH-CP-01	3131100P012	009	211121J009	084		28,51	28,69	30,26	30,12	0,13		58,90	58,81	200	141,10	141,19
SIH-CP-01	3131100P011	013	211121J009	085		23,87	24,10	25,17	25,15	0,12		49,16	49,25	200	150,84	150,75
SIH-CP-01	3131100P011	012	211121J009	086	SST	269,47	269,69	266,00	265,71	0,63		536,10	535,40	800	263,90	264,60

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-01	3131100P011	003	211121J009	087	SST	270,17	270,53	268,70	266,76	0,63		539,50	537,29	800	260,50	262,71
SIH-CP-01	3131100P011	010	211121J009	088	SST	269,83	270,14	267,20	266,37	0,63		537,67	536,51	800	262,33	263,49
SIH-CP-01	3131100P011	001	211121J009	089	SST	266,47	266,67	268,50	266,19	0,64		535,61	532,86	800	264,39	267,14
SIH-CP-01	3131100P010	013	211121J009	090		31,60	31,90	32,92	32,89	0,14		64,66	64,79			
SIH-CP-01	3131100P010	016	211121J009	091	SST	269,33	269,66	267,80	265,97	0,63		537,75	535,63	800	262,25	264,37
SIH-CP-01	3131100P010	030	211121J009	092	SST	269,19	269,55	265,40	264,93	0,62		535,21	534,48	800	264,79	265,52
SIH-CP-01	3131100P010	031	211121J009	093	SST	268,62	269,10	267,10	265,41	0,62		536,35	534,51	800	263,65	265,49
SIH-CP-01	3131100P012	022	211121J009	095	SST	263,58	263,36	260,60	259,00	0,41		524,59	522,36	800	275,41	277,64
SIH-CP-01	3131100P012	010	211121J009	096		29,72	29,95	31,91	31,88	0,09		61,73	61,83	200	138,27	138,17
SIH-CP-01	3131100P011	005	211121J009	097	SST	134,25	134,43	134,30	133,27	0,63		269,19	267,70	400	130,81	132,30
SIH-CP-01	3131100P011	004	211121J009	098	SST	269,42	269,67	262,50	262,20	0,63		532,56	531,87	800	267,44	268,13
SIH-CP-01	3131100P011	011	211121J009	099	SST	269,60	269,93	268,80	266,61	0,64		539,03	536,54	800	260,97	263,46
SIH-CP-01	3131100P011	002	211121J009	100	SST	269,77	270,14	262,90	262,38	0,64		533,30	532,52	800	266,70	267,48
SIH-CP-01	3131100P011	009	211121J009	101	SST	270,74	271,06	267,70	265,85	0,63		539,07	536,91	800	260,93	263,09
SIH-CP-01	3131100P010	015	211121J009	102	SST	270,44	270,78	267,70	267,34	0,62		538,76	538,12	800	261,24	261,88
SIH-CP-01	3131100P010	014	211121J009	103	SST	269,33	269,56	268,50	266,32	0,62		538,45	535,88	800	261,55	264,12
SIH-CP-01	3131100P010	029	211121J009	104	SST	268,29	268,61	266,80	266,08	0,62		535,71	534,69	800	264,29	265,31
SIH-CP-01	3131100P010	003	211121J009	107	SST	134,34	134,69	132,30	131,15	0,61		267,25	265,84	400	132,75	134,16
SIH-CP-01	3131100P010	005	211121J009	108	SST	265,02	265,22	265,80	264,16	0,62		531,44	529,38	800	268,56	270,62
SIH-CP-01	3131100P010	006	211121J009	109	SST	267,65	268,07	265,20	264,80	0,62		533,47	532,87	800	266,53	267,13
SIH-CP-01	3131100P010	008	211121J009	110	SST	265,16	265,31	266,90	264,48	0,62		532,67	529,79	800	267,33	270,21
SIH-CP-01	3131100P010	010	211121J009	111	SST	265,73	265,87	264,30	263,51	0,62		530,65	529,38	800	269,35	270,62
SIH-CP-01	3131100P010	012	211121J009	112	SST	264,59	264,86	265,80	263,94	0,62		531,01	528,80	800	268,99	271,20
SIH-CP-01	3131100P010	028	211121J009	113	SST	268,05	268,45	264,20	263,57	0,62		532,87	532,02	800	267,13	267,98
SIH-CP-01	3131100P010	027	211121J009	114	SST	264,45	264,52	266,00	263,79	0,62		531,07	528,31	800	268,93	271,69
SIH-CP-01	3131100P010	019	211121J009	116	SST	268,15	268,53	261,60	259,29	0,62		530,37	527,82	800	269,63	272,18
SIH-CP-01	3131100P010	021	211121J009	117	SST	265,19	265,34	261,40	260,76	0,61		527,21	526,10	800	272,79	273,90
SIH-CP-01	3131100P010	022	211121J009	118	SST	263,58	263,92	262,80	260,30	0,62		527,00	524,22	800	273,00	275,78
SIH-CP-01	3131100P010	024	211121J009	119	SST	268,29	268,56	261,10	260,28	0,62		530,01	528,84	800	269,99	271,16
SIH-CP-01	3131100P010	026	211121J009	120	SST	263,92	264,27	262,40	260,25	0,62		526,93	524,52	800	273,07	275,48
SIH-CP-01	3131100P010	011	211121J009	121	SST	268,25	268,83	265,30	264,59	0,62		534,17	533,42	800	265,83	266,58
SIH-CP-01	3131100P010	018	211121J009	122		19,63	19,80	20,25	20,32	0,07		39,95	40,12			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-01	3131100P010	004	211121J009	123	SST	133,40	133,58	132,30	131,01	0,62		266,32	264,59	400	133,68	135,41
SIH-CP-01	3131100P010	020	211121J009	124	SST	265,06	265,14	260,70	259,95	0,61		526,37	525,09	800	273,63	274,91
SIH-CP-01	3131100P010	007	211121J009	125	SST	268,83	269,15	266,00	263,98	0,62		535,45	533,13	800	264,55	266,87
SIH-CP-01	3131100P010	023	211121J009	126	SST	264,92	265,04	260,80	260,32	0,62		526,34	525,36	800	273,66	274,64
SIH-CP-01	3131100P010	009	211121J009	127	SST	268,29	268,75	266,00	263,79	0,62		534,90	532,54	800	265,10	267,46
SIH-CP-01	3131100P010	025	211121J009	128	SST	268,06	268,44	261,70	260,88	0,62		530,37	529,32	800	269,63	270,68
SIH-CP-02	3131100P018	018	211121J008	001		18,83	18,98	20,83	20,92	0,06		39,71	39,90			
SIH-CP-02	3131100P018	012	211121J008	002	SST	257,29	257,30	271,80	269,94	0,62		529,71	527,24	800	270,29	272,76
SIH-CP-02	3131100P018	028	211121J008	003	SST	256,96	257,04	269,30	269,27	0,62		526,88	526,31	800	273,12	273,69
SIH-CP-02	3131100P018	011	211121J008	004	SST	257,83	257,93	271,70	270,66	0,62		530,15	528,59	800	269,85	271,41
SIH-CP-02	3131100P018	027	211121J008	005	SST	254,37	254,43	267,80	266,44	0,61		522,78	520,87	800	277,22	279,13
SIH-CP-02	3131100P018	010	211121J008	006	SST	257,56	257,54	271,30	269,66	0,62		529,48	527,20	800	270,52	272,80
SIH-CP-02	3131100P018	026	211121J008	007	SST	254,20	254,25	270,60	270,23	0,61		525,41	524,48	800	274,59	275,52
SIH-CP-02	3131100P018	003	211121J008	009	SST	127,32	127,45	134,70	134,12	0,61		262,63	261,57	400	137,37	138,43
SIH-CP-02	3131100P018	004	211121J008	010	SST	127,59	127,71	134,10	133,28	0,61		262,30	260,99	400	137,70	139,01
SIH-CP-02	3131100P018	005	211121J008	011	SST	254,54	254,57	270,40	268,82	0,62		525,55	523,39	800	274,45	276,61
SIH-CP-02	3131100P018	006	211121J008	012	SST	252,99	252,97	266,50	266,30	0,62		520,11	519,27	800	279,89	280,73
SIH-CP-02	3131100P018	007	211121J008	013	SST	254,20	254,19	266,70	266,36	0,62		521,52	520,55	800	278,48	279,45
SIH-CP-02	3131100P018	008	211121J008	014	SST	254,37	254,36	270,30	269,95	0,62		525,28	524,31	800	274,72	275,69
SIH-CP-02	3131100P018	009	211121J008	015	SST	257,36	257,57	267,10	266,78	0,61		525,07	524,35	800	274,93	275,65
SIH-CP-02	3131100P018	019	211121J008	018	SST	255,14	255,06	269,90	269,72	0,62		525,66	524,78	800	274,34	275,22
SIH-CP-02	3131100P018	020	211121J008	019	SST	254,54	254,42	272,00	269,74	0,61		527,15	524,16	800	272,85	275,84
SIH-CP-02	3131100P018	021	211121J008	020	SST	257,43	257,38	266,10	265,67	0,61		524,14	523,05	800	275,86	276,95
SIH-CP-02	3131100P018	022	211121J008	021	SST	257,66	257,60	271,10	270,79	0,61		529,38	528,39	800	270,62	271,61
SIH-CP-02	3131100P018	023	211121J008	022	SST	256,92	256,88	265,10	264,83	0,62		522,64	521,71	800	277,36	278,29
SIH-CP-02	3131100P018	024	211121J008	023	SST	257,26	257,11	273,80	270,75	0,62		531,68	527,86	800	268,32	272,14
SIH-CP-02	3131100P018	025	211121J008	024	SST	258,13	258,04	267,60	265,55	0,61		526,35	523,59	800	273,65	276,41
SIH-CP-02	3131100P018	029	211121J008	027	SST	259,24	259,18	269,40	269,32	0,62		529,26	528,50	800	270,74	271,50
SIH-CP-02	3131100P018	030	211121J008	028	SST	258,30	258,22	268,90	268,58	0,62		527,82	526,80	800	272,18	273,20
SIH-CP-02	3131100P018	031	211121J008	029	SST	257,93	257,91	271,90	270,06	0,62		530,45	527,97	800	269,55	272,03
SIH-CP-02	3131100P017	013	211121J008	030		22,99	23,21	25,29	25,53	0,11		48,39	48,74			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-02	3131100P017	009	211121J008	031	SST	258,07	258,10	272,90	271,93	0,60		531,57	530,03	800	268,43	269,97
SIH-CP-02	3131100P017	010	211121J008	032	SST	258,50	258,58	273,50	271,87	0,61		532,61	530,45	800	267,39	269,55
SIH-CP-02	3131100P017	011	211121J008	033	SST	259,28	259,28	273,30	271,45	0,61		533,19	530,73	800	266,81	269,27
SIH-CP-02	3131100P017	012	211121J008	034	SST	258,60	258,63	271,50	271,47	0,61		530,71	530,10	800	269,29	269,90
SIH-CP-02	3131100P018	013	211121J008	037		30,72	31,13	33,39	33,16	0,17		64,28	64,29			
SIH-CP-02	3131100P018	014	211121J008	038	SST	257,73	257,66	270,70	268,81	0,62		529,05	526,47	800	270,95	273,53
SIH-CP-02	3131100P018	015	211121J008	039	SST	257,02	257,00	268,60	268,09	0,62		526,24	525,09	800	273,76	274,91
SIH-CP-02	3131100P018	016	211121J008	040	SST	257,09	256,99	269,90	269,57	0,62		527,61	526,56	800	272,39	273,44
SIH-CP-02	3131100P017	001	211121J008	041	SST	257,39	257,49	269,60	267,46	0,61		527,60	524,95	800	272,40	275,05
SIH-CP-02	3131100P017	002	211121J008	042	SST	258,23	258,28	272,90	271,35	0,61		531,74	529,63	800	268,26	270,37
SIH-CP-02	3131100P017	003	211121J008	043	SST	254,57	254,69	273,80	272,23	0,61		528,98	526,92	800	271,02	273,08
SIH-CP-02	3131100P017	004	211121J008	044	SST	257,96	257,99	271,40	271,03	0,61		529,97	529,02	800	270,03	270,98
SIH-CP-02	3131100P017	005	211121J008	045	SST	128,57	128,72	136,30	135,25	0,60		265,47	263,97	400	134,53	136,03
SIH-CP-02	3131100P016	012	211121J008	051		27,64	27,77	31,23	31,09	0,11		58,97	58,86	200	141,03	141,14
SIH-CP-02	3131100P016	025	211121J008	052	SST	251,14	251,18	17,97	18,07	0,41		269,51	269,25	800	530,49	530,75
SIH-CP-02	3131100P016	011	211121J008	053	SST	252,18	252,21	267,00	267,22	0,41		519,60	519,43	800	280,40	280,57
SIH-CP-02	3131100P016	023	211121J008	054		27,84	28,00	30,68	30,69	0,13		58,65	58,69	200	141,35	141,31
SIH-CP-02	3131100P016	022	211121J008	055	SST	251,68	251,83	269,50	267,96	0,41		521,59	519,79	800	278,41	280,21
SIH-CP-02	3131100P016	020	211121J008	058		27,84	27,99	30,28	30,66	0,10		58,22	58,65	200	141,78	141,35
SIH-CP-02	3131100P016	008	211121J008	059	SST	251,34	251,28	268,00	265,84	0,41		519,75	517,12	800	280,25	282,88
SIH-CP-02	3131100P016	007	211121J008	060		28,64	28,78	32,48	32,54	0,09		61,21	61,32	200	138,79	138,68
SIH-CP-02	3131100P016	019	211121J008	061	SST	249,76	249,71	268,30	266,50	0,41		518,47	516,21	800	281,53	283,79
SIH-CP-02	3131100P016	013	211121J008	062		28,78	28,91	29,52	29,65	0,09		58,39	58,56	200	141,61	141,44
SIH-CP-02	3131100P016	024	211121J008	064		28,65	28,77	32,22	32,18	0,09		60,96	60,95	200	139,04	139,05
SIH-CP-02	3131100P016	010	211121J008	065		29,05	29,24	31,99	31,85	0,09		61,13	61,09	200	138,87	138,91
SIH-CP-02	3131100P016	009	211121J008	066		27,50	27,90	30,72	30,73	0,13		58,35	58,63	200	141,65	141,37
SIH-CP-02	3131100P015	013	211121J008	068	SST	129,83	129,90	135,90	134,85	0,60		266,33	264,75	400	133,67	135,25
SIH-CP-02	3131100P016	021	211121J008	069		29,18	29,26	32,28	32,17	0,09		61,55	61,43	200	138,45	138,57
SIH-CP-02	3131100P015	023	211121J008	070		27,83	27,98	31,84	31,84	0,11		59,78	59,82	200	140,22	140,18
SIH-CP-02	3131100P016	006	211121J008	071		27,57	27,72	30,16	30,39	0,10		57,83	58,11	200	142,17	141,89
SIH-CP-02	3131100P016	005	211121J008	072	SST	251,24	251,23	267,50	265,78	0,41		519,15	517,01	800	280,85	282,99
SIH-CP-02	3131100P016	017	211121J008	073		27,50	27,60	30,31	30,42	0,10		57,91	58,02	200	142,09	141,98

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-02	3131100P016	016	211121J008	074	SST	251,48	251,42	266,70	266,73	0,41		518,59	518,15	800	281,41	281,85
SIH-CP-02	3131100P016	014	211121J008	075		27,56	27,66	30,80	30,83	0,13		58,49	58,49	200	141,51	141,51
SIH-CP-02	3131100P016	002	211121J008	076	SST	252,35	252,32	266,80	266,85	0,41		519,56	519,17	800	280,44	280,83
SIH-CP-02	3131100P015	025	211121J008	077		36,25	36,49	39,09	39,10	0,44		75,78	75,59			
SIH-CP-02	3131100P015	025	211121J008	078			36,31	39,05	38,60	0,86		39,91	74,91			
SIH-CP-02	3131100P015	024	211121J008	079		28,91	29,11	30,68	30,86	0,09		59,69	59,97	200	140,31	140,03
SIH-CP-02	3131100P015	011	211121J008	080	SST	252,99	253,06	17,88	18,02	0,41		271,27	271,08	800	528,73	528,92
SIH-CP-02	3131100P015	017	211121J008	081		27,64	27,78	30,36	30,27	0,11		58,10	58,05	200	141,90	141,95
SIH-CP-02	3131100P016	018	211121J008	082		28,71	28,80	32,50	32,54	0,09		61,30	61,34	200	138,70	138,66
SIH-CP-02	3131100P016	003	211121J008	083		27,90	28,10	30,87	30,82	0,13		58,91	58,92	200	141,09	141,08
SIH-CP-02	3131100P016	004	211121J008	084		28,64	29,00	32,36	32,45	0,09		61,09	61,45	200	138,91	138,55
SIH-CP-02	3131100P016	015	211121J008	085		28,58	28,50	31,94	32,01	0,09		60,61	60,51	200	139,39	139,49
SIH-CP-02	3131100P015	012	211121J008	086	SST	129,07	129,29	134,40	134,37	0,60		264,07	263,66	400	135,93	136,34
SIH-CP-02	3131100P015	008	211121J008	087	SST	251,88	252,20	267,00	263,90	0,40		519,28	516,10	800	280,72	283,90
SIH-CP-02	3131100P015	021	211121J008	088		28,64	28,80	31,69	31,84	0,09		60,43	60,64	200	139,57	139,36
SIH-CP-02	3131100P015	018	211121J008	089		29,05	29,20	31,97	31,96	0,09		61,11	61,16	200	138,89	138,84
SIH-CP-02	3131100P015	005	211121J008	090	SST	253,66	253,80	265,30	265,24	0,40		519,36	519,04	800	280,64	280,96
SIH-CP-02	3131100P015	004	211121J008	091		28,71	28,77	32,32	32,08	0,09		61,12	60,85	200	138,88	139,15
SIH-CP-02	3131100P015	014	211121J008	092		27,97	28,12	30,61	30,51	0,11		58,69	58,63	200	141,31	141,37
SIH-CP-02	3131100P015	002	211121J008	093	SST	255,34	255,38	266,70	266,61	0,41		522,45	521,99	800	277,55	278,01
SIH-CP-02	3131100P015	020	211121J008	094		26,90	27,28	30,15	30,20	0,11		57,15	57,48	200	142,85	142,52
SIH-CP-02	3131100P015	006	211121J008	095		27,90	28,02	30,86	30,47	0,11		58,87	58,49	200	141,13	141,51
SIH-CP-02	3131100P015	019	211121J008	096	SST	253,39	253,40	265,70	265,80	0,40		519,49	519,20	800	280,51	280,80
SIH-CP-02	3131100P015	007	211121J008	097		29,18	29,39	32,05	32,07	0,09		61,32	61,46	200	138,68	138,54
SIH-CP-02	3131100P015	003	211121J008	098		27,57	27,66	29,94	30,36	0,11		57,62	58,02	200	142,38	141,98
SIH-CP-02	3131100P015	016	211121J008	099	SST	253,23	253,27	267,40	265,73	0,41		521,03	519,00	800	278,97	281,00
SIH-CP-02	3131100P015	015	211121J008	100		29,25	29,32	32,36	31,83	0,09		61,70	61,15	200	138,30	138,85
SIH-CP-03	3131100P024	001	211121J002	003		17,62	17,87	21,93	21,76	0,11		39,66	39,63			
SIH-CP-03	3131100P024	014	211121J002	004	SST	86,53	86,68	110,10	109,50	0,53		197,16	196,18	400	202,84	203,82
SIH-CP-03	3131100P024	007	211121J002	005	SST	86,01	86,29	110,30	109,49	0,54		196,84	195,79	400	203,16	204,21
SIH-CP-03	3131100P024	015	211121J002	006	SST	86,75	86,82	109,00	109,50	0,53		196,28	196,32	400	203,72	203,68

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-03	3131100P024	008	211121J002	007	SST	86,34	86,45	109,00	107,83	0,53		195,87	194,28	400	204,13	205,72
SIH-CP-03	3131100P023	025	211121J002	009		27,23	27,31	33,82	33,83	0,40		61,45	61,14			
SIH-CP-03	3131100P024	009	211121J002	010	SST	172,07	172,15	217,70	217,45	0,53		390,29	389,60	800	409,71	410,40
SIH-CP-03	3131100P024	010	211121J002	011	SST	174,02	174,02	216,80	216,53	0,53		391,34	390,55	800	408,66	409,45
SIH-CP-03	3131100P024	011	211121J002	012	SST	172,27	172,33	219,20	218,82	0,53		392,00	391,15	800	408,00	408,85
SIH-CP-03	3131100P024	012	211121J002	013	SST	170,79	170,88	217,70	215,34	0,53		389,02	386,22	800	410,98	413,78
SIH-CP-03	3131100P024	013	211121J002	014	SST	170,59	170,63	216,40	214,71	0,53		387,51	385,34	800	412,49	414,66
SIH-CP-03	3131100P023	012	211121J002	017	SST	85,79	85,88	109,70	109,24	0,54		196,03	195,12	400	203,97	204,88
SIH-CP-03	3131100P023	013	211121J002	018	SST	85,47	85,54	110,20	109,10	0,53		196,20	194,64	400	203,80	205,36
SIH-CP-03	3131100P024	002	211121J002	019	SST	173,95	173,89	219,80	218,94	0,53		394,28	392,83	800	405,72	407,17
SIH-CP-03	3131100P024	003	211121J002	020	SST	170,65	170,74	215,90	214,45	0,52		387,08	385,19	800	412,92	414,81
SIH-CP-03	3131100P024	004	211121J002	021	SST	174,31	174,28	217,40	217,08	0,52		392,23	391,36	800	407,77	408,64
SIH-CP-03	3131100P024	005	211121J002	022	SST	174,13	174,15	218,20	216,68	0,52		392,85	390,83	800	407,15	409,17
SIH-CP-03	3131100P024	006	211121J002	023	SST	174,02	173,91	218,30	217,15	0,53		392,85	391,06	800	407,15	408,94
SIH-CP-03	3131100P023	025	211121J002	028			27,15	33,94	34,04	0,09		34,03	61,19			
SIH-CP-03	3131100P023	023	211121J002	039		21,85	21,92	26,60	26,64	0,09		48,54	48,56	200	151,46	151,44
SIH-CP-03	3131100P023	022	211121J002	040	SST	168,97	169,04	214,80	213,19	0,37		384,14	382,23	800	415,86	417,77
SIH-CP-03	3131100P023	009	211121J002	041		22,19	22,35	26,34	26,27	0,09		48,62	48,62	200	151,38	151,38
SIH-CP-03	3131100P023	008	211121J002	042	SST	167,63	167,71	213,90	213,69	0,36		381,89	381,40	800	418,11	418,60
SIH-CP-03	3131100P023	006	211121J002	043		21,79	21,90	26,57	26,34	0,09		48,45	48,24	200	151,55	151,76
SIH-CP-03	3131100P023	019	211121J002	044	SST	169,60	169,53	214,50	213,05	0,36		384,46	382,58	800	415,54	417,42
SIH-CP-03	3131100P023	018	211121J002	045		23,74	23,80	28,36	28,30	0,08		52,18	52,10	200	147,82	147,90
SIH-CP-03	3131100P023	003	211121J002	046		21,86	21,99	26,92	27,15	0,12		48,89	49,14	200	151,11	150,86
SIH-CP-03	3131100P023	016	211121J002	047	SST	168,80	168,84	214,30	214,13	0,36		383,46	382,97	800	416,54	417,03
SIH-CP-03	3131100P022	025	211121J002	048	SST	166,28	166,30	216,70	213,67	0,37		383,35	379,97	800	416,65	420,03
SIH-CP-03	3131100P022	012	211121J002	049		60,66	21,70	26,93	26,78	0,09		87,68	48,48	200	112,32	151,52
SIH-CP-03	3131100P023	011	211121J002	050	SST	167,78	167,81	213,30	212,37	0,36		381,45	380,18	800	418,55	419,82
SIH-CP-03	3131100P023	024	211121J002	051		23,87	23,97	28,72	28,74	0,08		52,67	52,71	200	147,33	147,29
SIH-CP-03	3131100P023	010	211121J002	052		23,47	23,68	28,63	28,65	0,08		52,18	52,33	200	147,82	147,67
SIH-CP-03	3131100P023	020	211121J002	053		21,92	22,05	26,85	26,80	0,09		48,86	48,85	200	151,14	151,15
SIH-CP-03	3131100P023	021	211121J002	054		23,73	23,93	28,09	28,40	0,08		51,90	52,33	200	148,10	147,67
SIH-CP-03	3131100P023	007	211121J002	055		23,80	23,95	28,85	28,97	0,08		52,73	52,92	200	147,27	147,08

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-03	3131100P023	017	211121J002	056		21,98	22,08	26,51	26,63	0,09		48,59	48,71	200	151,41	151,29
SIH-CP-03	3131100P023	005	211121J002	057	SST	168,73	168,85	215,20	213,04	0,36		384,28	381,89	800	415,72	418,11
SIH-CP-03	3131100P023	004	211121J002	058		23,87	24,02	29,01	29,09	0,08		52,96	53,11	200	147,04	146,89
SIH-CP-03	3131100P022	013	211121J002	060		23,40	23,56	28,75	28,92	0,08		52,23	52,48	200	147,77	147,52
SIH-CP-03	3131100P022	020	211121J002	062		21,78	22,20	27,01	26,83	0,09		48,89	49,03	200	151,11	150,97
SIH-CP-03	3131100P023	002	211121J002	063	SST	168,88	168,96	213,60	212,10	0,37		382,85	381,06	800	417,15	418,94
SIH-CP-03	3131100P023	015	211121J002	064		23,80	23,90	28,79	28,58	0,08		52,67	52,48	200	147,33	147,52
SIH-CP-03	3131100P022	006	211121J002	065		22,05	22,15	27,04	26,87	0,09		49,18	49,02	200	150,82	150,98
SIH-CP-03	3131100P022	005	211121J002	066	SST	168,03	168,33	214,80	213,48	0,37		383,20	381,81	800	416,80	418,19
SIH-CP-03	3131100P022	018	211121J002	067		24,01	24,11	28,65	28,70	0,08		52,74	52,81	200	147,26	147,19
SIH-CP-03	3131100P022	004	211121J002	068		23,94	24,03	28,75	28,78	0,08		52,77	52,81	200	147,23	147,19
SIH-CP-03	3131100P022	014	211121J002	069		21,98	22,06	27,03	26,83	0,09		49,11	48,89	200	150,89	151,11
SIH-CP-03	3131100P022	002	211121J002	070	SST	169,51	169,55	214,70	214,50	0,37		384,58	384,05	800	415,42	415,95
SIH-CP-03	3131100P022	011	211121J002	071	SST	166,33	166,75	212,80	212,59	0,37		379,50	379,34	800	420,50	420,66
SIH-CP-03	3131100P022	024	211121J002	072		23,67	23,79	28,67	28,84	0,08		52,42	52,63	200	147,58	147,37
SIH-CP-03	3131100P022	008	211121J002	073	SST	167,09	167,09	213,00	212,79	0,37		380,46	379,88	800	419,54	420,12
SIH-CP-03	3131100P022	021	211121J002	074		23,60	23,78	28,55	28,57	0,08		52,23	52,35	200	147,77	147,65
SIH-CP-03	3131100P023	014	211121J002	075		21,99	22,04	26,62	26,59	0,09		48,70	48,63	200	151,30	151,37
SIH-CP-03	3131100P022	019	211121J002	076	SST	167,94	168,02	213,20	213,09	0,36		381,50	381,11	800	418,50	418,89
SIH-CP-03	3131100P022	007	211121J002	077		23,67	23,82	28,92	28,99	0,08		52,67	52,81	200	147,33	147,19
SIH-CP-03	3131100P022	017	211121J002	078		22,06	22,14	27,01	26,84	0,09		49,16	48,98	200	150,84	151,02
SIH-CP-03	3131100P022	016	211121J002	079	SST	169,11	169,18	216,30	214,74	0,37		385,78	383,92	800	414,22	416,08
SIH-CP-03	3131100P022	003	211121J002	080		21,78	22,05	27,10	27,07	0,09		48,97	49,12	200	151,03	150,88
SIH-CP-03	3131100P022	015	211121J002	081		23,87	23,97	28,93	28,96	0,08		52,88	52,93	200	147,12	147,07
SIH-CP-03	3131100P022	023	211121J002	083		21,85	21,94	26,78	26,83	0,12		48,75	48,77	200	151,25	151,23
SIH-CP-03	3131100P022	009	211121J002	084		21,79	21,96	27,05	26,90	0,09		48,93	48,86	200	151,07	151,14
SIH-CP-03	3131100P021	013	211121J002	085		18,02	18,15	22,79	22,72	0,10		40,91	40,87			
SIH-CP-03	3131100P021	012	211121J002	086	SST	170,41	170,49	219,00	217,31	0,53		389,94	387,80	800	410,06	412,20
SIH-CP-03	3131100P021	003	211121J002	087	SST	170,52	170,61	219,70	217,90	0,53		390,75	388,51	800	409,25	411,49
SIH-CP-03	3131100P021	010	211121J002	088	SST	170,52	170,56	216,50	214,73	0,53		387,55	385,29	800	412,45	414,71
SIH-CP-03	3131100P021	001	211121J002	089	SST	171,84	171,87	218,60	217,34	0,54		390,98	389,21	800	409,02	410,79
SIH-CP-03	3131100P020	013	211121J002	090		23,81	23,89	28,69	28,71	0,13		52,62	52,60			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-03	3131100P020	016	211121J002	091	SST	164,72	164,78	218,10	216,57	0,56		383,37	381,35	800	416,63	418,65
SIH-CP-03	3131100P020	030	211121J002	092	SST	165,28	165,37	219,60	217,72	0,55		385,42	383,09	800	414,58	416,91
SIH-CP-03	3131100P020	031	211121J002	093	SST	165,28	165,29	218,00	217,38	0,55		383,83	382,67	800	416,17	417,33
SIH-CP-03	3131100P022	022	211121J002	095	SST	167,63	167,61	212,00	211,69	0,37		380,00	379,30	800	420,00	420,70
SIH-CP-03	3131100P022	010	211121J002	096		23,20	23,57	28,92	29,00	0,08		52,20	52,57	200	147,80	147,43
SIH-CP-03	3131100P021	005	211121J002	097	SST	84,80	84,95	109,10	108,97	0,53		194,43	193,92	400	205,57	206,08
SIH-CP-03	3131100P021	004	211121J002	098	SST	170,99	170,94	218,10	217,69	0,53		389,62	388,63	800	410,38	411,37
SIH-CP-03	3131100P021	011	211121J002	099	SST	171,30	171,37	218,50	217,98	0,54		390,34	389,35	800	409,66	410,65
SIH-CP-03	3131100P021	002	211121J002	100	SST	170,86	170,84	216,60	214,01	0,54		387,99	384,85	800	412,01	415,15
SIH-CP-03	3131100P021	009	211121J002	101	SST	171,24	171,27	217,20	216,82	0,53		388,96	388,09	800	411,04	411,91
SIH-CP-03	3131100P020	015	211121J002	102	SST	165,57	165,59	218,50	218,12	0,55		384,62	383,71	800	415,38	416,29
SIH-CP-03	3131100P020	014	211121J002	103	SST	166,28	166,34	218,80	216,78	0,55		385,64	383,12	800	414,36	416,88
SIH-CP-03	3131100P020	029	211121J002	104	SST	165,39	165,51	219,00	218,62	0,56		384,95	384,13	800	415,05	415,87
SIH-CP-03	3131100P020	023	211121J002	107	SST	81,37	81,56	109,40	107,87	0,55		191,31	189,43	400	208,69	210,57
SIH-CP-03	3131100P020	005	211121J002	108	SST	165,21	165,30	214,30	212,73	0,55		380,06	378,03	800	419,94	421,97
SIH-CP-03	3131100P020	006	211121J002	109	SST	162,83	162,91	213,60	212,14	0,56		376,99	375,05	800	423,01	424,95
SIH-CP-03	3131100P020	008	211121J002	110	SST	165,05	165,16	213,00	212,67	0,55		378,60	377,83	800	421,40	422,17
SIH-CP-03	3131100P020	010	211121J002	111	SST	162,90	163,07	216,60	215,29	0,55		380,05	378,36	800	419,95	421,64
SIH-CP-03	3131100P020	012	211121J002	112	SST	165,25	165,24	214,50	213,12	0,55		380,31	378,36	800	419,69	421,64
SIH-CP-03	3131100P020	028	211121J002	113	SST	164,65	164,65	213,00	211,78	0,56		378,20	376,43	800	421,80	423,57
SIH-CP-03	3131100P020	027	211121J002	114	SST	164,81	164,75	216,70	216,23	0,55		382,06	380,98	800	417,94	419,02
SIH-CP-03	3131100P020	019	211121J002	116	SST	165,01	164,97	217,70	215,85	0,55		383,26	380,82	800	416,74	419,18
SIH-CP-03	3131100P020	021	211121J002	117	SST	162,32	162,35	213,10	212,74	0,55		375,96	375,09	800	424,04	424,91
SIH-CP-03	3131100P020	022	211121J002	118	SST	164,74	164,78	217,60	216,07	0,55		382,89	380,85	800	417,11	419,15
SIH-CP-03	3131100P020	024	211121J002	119	SST	162,59	162,67	216,20	215,69	0,56		379,34	378,36	800	420,66	421,64
SIH-CP-03	3131100P020	026	211121J002	120	SST	162,70	162,84	214,50	213,11	0,55		377,75	375,95	800	422,25	424,05
SIH-CP-03	3131100P020	011	211121J002	121	SST	162,45	162,64	218,10	216,43	0,06		380,61	379,07	800	419,39	420,93
SIH-CP-03	3131100P020	018	211121J002	122		15,40	15,75	18,27	18,33	0,09		33,76	34,08			
SIH-CP-03	3131100P020	004	211121J002	123	SST	82,37	82,48	107,50	107,27	0,55		190,43	189,75	400	209,57	210,25
SIH-CP-03	3131100P020	020	211121J002	124	SST	164,54	164,49	216,00	213,26	0,55		381,08	377,75	800	418,92	422,25
SIH-CP-03	3131100P020	007	211121J002	125	SST	162,97	163,06	217,60	215,81	0,56		381,12	378,87	800	418,88	421,13
SIH-CP-03	3131100P020	023	211121J002	126	SST	162,09	162,14	218,40	216,53	0,55		381,05	378,67	800	418,95	421,33

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-03	3131100P020	009	211121J002	127	SST	163,12	163,22	216,80	215,81	0,55		380,47	379,03	800	419,53	420,97
SIH-CP-03	3131100P020	025	211121J002	128	SST	164,98	164,98	213,40	216,53	0,55		378,93	381,51	800	421,07	418,49
SIH-CP-04	3131100P028	018	211121J001	001		15,33	15,58	18,53	18,50	0,06		33,92	34,08			
SIH-CP-04	3131100P028	012	211121J001	002	SST	174,69	174,75	217,30	215,29	0,54		392,54	390,04	800	407,46	409,96
SIH-CP-04	3131100P028	028	211121J001	003	SST	174,96	174,99	217,60	215,98	0,55		393,11	390,97	800	406,89	409,03
SIH-CP-04	3131100P028	011	211121J001	004	SST	175,23	175,32	219,90	218,35	0,55		395,67	393,67	800	404,33	406,33
SIH-CP-04	3131100P028	027	211121J001	005	SST	174,83	174,97	218,10	216,12	0,54		393,46	391,09	800	406,54	408,91
SIH-CP-04	3131100P028	010	211121J001	006	SST	171,39	171,55	216,70	215,36	0,54		388,64	386,91	800	411,36	413,09
SIH-CP-04	3131100P028	026	211121J001	007	SST	174,76	174,82	216,40	215,27	0,54		391,70	390,09	800	408,30	409,91
SIH-CP-04	3131100P028	003	211121J001	009	SST	86,80	86,99	108,40	108,15	0,54		195,74	195,14	400	204,26	204,86
SIH-CP-04	3131100P028	004	211121J001	010	SST	86,75	86,98	109,10	109,04	0,54		196,39	196,02	400	203,61	203,98
SIH-CP-04	3131100P028	005	211121J001	011	SST	174,22	174,69	218,50	218,29	0,54		393,26	392,98	800	406,74	407,02
SIH-CP-04	3131100P028	006	211121J001	012	SST	174,69	174,65	219,20	218,02	0,55		394,44	392,67	800	405,56	407,33
SIH-CP-04	3131100P028	007	211121J001	013	SST	175,03	175,05	220,30	218,49	0,55		395,88	393,54	800	404,12	406,46
SIH-CP-04	3131100P028	008	211121J001	014	SST	172,38	172,57	218,80	218,34	0,54		391,72	390,91	800	408,28	409,09
SIH-CP-04	3131100P028	009	211121J001	015	SST	175,10	175,14	216,50	214,67	0,54		392,14	389,81	800	407,86	410,19
SIH-CP-04	3131100P028	019	211121J001	018	SST	172,34	172,38	216,30	214,77	0,55		389,18	387,15	800	410,82	412,85
SIH-CP-04	3131100P028	020	211121J001	019	SST	172,25	172,32	215,80	215,20	0,54		388,59	387,52	800	411,41	412,48
SIH-CP-04	3131100P028	021	211121J001	020	SST	172,67	172,80	218,50	218,00	0,54		391,71	390,80	800	408,29	409,20
SIH-CP-04	3131100P028	022	211121J001	021	SST	174,35	174,42	217,10	215,09	0,54		391,99	389,51	800	408,01	410,49
SIH-CP-04	3131100P028	023	211121J001	022	SST	172,58	172,72	219,10	218,30	0,54		392,22	391,02	800	407,78	408,98
SIH-CP-04	3131100P028	024	211121J001	023	SST	171,77	171,98	215,60	215,03	0,55		387,92	387,01	800	412,08	412,99
SIH-CP-04	3131100P028	025	211121J001	024	SST	172,72	172,83	219,90	218,04	0,54		393,16	390,87	800	406,84	409,13
SIH-CP-04	3131100P028	029	211121J001	027	SST	176,37	176,32	220,00	218,06	0,55		396,92	394,38	800	403,08	405,62
SIH-CP-04	3131100P028	030	211121J001	028	SST	176,58	176,57	220,90	219,87	0,54		398,02	396,44	800	401,98	403,56
SIH-CP-04	3131100P028	031	211121J001	029	SST	176,51	176,49	219,50	217,78	0,54		396,55	394,27	800	403,45	405,73
SIH-CP-04	3131100P027	013	211121J001	030		19,03	19,30	22,43	22,52	0,11		41,57	41,82			
SIH-CP-04	3131100P027	009	211121J001	031	SST	185,10	185,26	220,30	218,71	0,56		405,96	403,97	800	394,04	396,03
SIH-CP-04	3131100P027	010	211121J001	032	SST	184,85	185,24	216,50	216,03	0,56		401,91	401,27	800	398,09	398,73
SIH-CP-04	3131100P027	011	211121J001	033	SST	185,23	185,37	219,50	219,08	0,56		405,30	404,45	800	394,70	395,55
SIH-CP-04	3131100P027	012	211121J001	034	SST	185,97	186,12	220,30	218,83	0,56		406,84	404,95	800	393,16	395,05

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-04	3131100P028	013	211121J001	037		24,88	24,96	28,43	28,44	0,13		53,43	53,40			
SIH-CP-04	3131100P028	014	211121J001	038	SST	176,58	176,57	220,00	219,58	0,54		397,12	396,15	800	402,88	403,85
SIH-CP-04	3131100P028	015	211121J001	039	SST	177,49	177,49	220,20	218,82	0,54		398,24	396,31	800	401,76	403,69
SIH-CP-04	3131100P028	016	211121J001	040	SST	175,57	175,48	221,10	219,07	0,55		397,21	394,55	800	402,79	405,45
SIH-CP-04	3131100P027	001	211121J001	041	SST	182,88	183,16	219,90	219,03	0,56		403,34	402,19	800	396,66	397,81
SIH-CP-04	3131100P027	002	211121J001	042	SST	185,57	185,45	215,90	215,78	0,56		402,03	401,23	800	397,97	398,77
SIH-CP-04	3131100P027	003	211121J001	043	SST	186,31	186,42	219,70	219,06	0,56		406,57	405,48	800	393,43	394,52
SIH-CP-04	3131100P027	004	211121J001	044	SST	185,84	185,91	220,70	219,05	0,56		407,10	404,96	800	392,90	395,04
SIH-CP-04	3131100P027	005	211121J001	045	SST	92,20	92,36	110,50	109,60	0,56		203,25	201,96	400	196,75	198,04
SIH-CP-04	3131100P026	012	211121J001	051		22,72	22,84	26,84	26,91	0,09		49,65	49,75	200	150,35	150,25
SIH-CP-04	3131100P026	025	211121J001	052	SST	175,74	175,69	216,30	214,92	0,36		392,41	390,61	800	407,59	409,39
SIH-CP-04	3131100P026	011	211121J001	053	SST	175,36	175,45	215,00	214,83	0,37		390,73	390,28	800	409,27	409,72
SIH-CP-04	3131100P026	023	211121J001	054		22,53	22,68	27,21	27,12	0,09		49,83	49,80	200	150,17	150,20
SIH-CP-04	3131100P026	022	211121J001	055	SST	176,51	176,50	216,90	215,80	0,37		393,77	392,30	800	406,23	407,70
SIH-CP-04	3131100P026	020	211121J001	058		22,46	22,49	25,87	25,98	0,09		48,42	48,47	200	151,58	151,53
SIH-CP-04	3131100P026	008	211121J001	059	SST	174,09	174,14	215,70	213,93	0,36		390,15	388,07	800	409,85	411,93
SIH-CP-04	3131100P026	007	211121J001	060		24,27	24,57	28,74	28,58	0,08		53,09	53,15	200	146,91	146,85
SIH-CP-04	3131100P026	019	211121J001	061	SST	175,27	175,41	215,50	215,17	0,36		391,13	390,58	800	408,87	409,42
SIH-CP-04	3131100P026	013	211121J001	062		24,34	24,51	29,24	29,13	0,08		53,66	53,64	200	146,34	146,36
SIH-CP-04	3131100P026	024	211121J001	064		24,27	24,36	28,97	28,93	0,08		53,32	53,29	200	146,68	146,71
SIH-CP-04	3131100P026	010	211121J001	065		24,40	24,58	28,46	28,59	0,08		52,95	53,17	200	147,05	146,83
SIH-CP-04	3131100P026	009	211121J001	066		22,59	22,77	27,21	27,09	0,09		49,89	49,86	200	150,11	150,14
SIH-CP-04	3131100P025	013	211121J001	068	SST	89,51	89,63	109,90	108,76	0,54		199,95	198,39	400	200,05	201,61
SIH-CP-04	3131100P026	021	211121J001	069		23,87	23,97	28,82	28,80	0,08		52,77	52,77	200	147,23	147,23
SIH-CP-04	3131100P025	023	211121J001	070		22,80	22,83	26,73	26,68	0,09		49,62	49,51	200	150,38	150,49
SIH-CP-04	3131100P026	006	211121J001	071		22,39	22,73	26,94	26,84	0,09		49,42	49,57	200	150,58	150,43
SIH-CP-04	3131100P026	005	211121J001	072	SST	174,67	174,86	214,70	214,26	0,36		389,73	389,12	800	410,27	410,88
SIH-CP-04	3131100P026	017	211121J001	073		22,46	22,54	26,03	25,99	0,09		48,58	48,53	200	151,42	151,47
SIH-CP-04	3131100P026	016	211121J001	074	SST	175,84	175,88	216,30	215,95	0,37		392,50	391,83	800	407,50	408,17
SIH-CP-04	3131100P026	014	211121J001	075		22,53	22,65	26,91	26,62	0,09		49,53	49,27	200	150,47	150,73
SIH-CP-04	3131100P026	002	211121J001	076	SST	175,74	175,90	215,40	215,19	0,37		391,51	391,09	800	408,49	408,91
SIH-CP-04	3131100P025	025	211121J001	077		28,51	28,67	34,15	34,20	0,40		63,06	62,87			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-04	3131100P025	025	211121J001	078			28,62	34,26	34,19	0,77		35,03	62,81			
SIH-CP-04	3131100P025	024	211121J001	079		24,34	24,73	28,52	28,63	0,08		52,94	53,36	200	147,06	146,64
SIH-CP-04	3131100P025	011	211121J001	080	SST	176,64	176,64	216,70	215,73	0,37		393,71	392,37	800	406,29	407,63
SIH-CP-04	3131100P025	017	211121J001	081		22,59	22,76	26,80	26,75	0,09		49,49	49,51	200	150,51	150,49
SIH-CP-04	3131100P026	018	211121J001	082		24,27	24,38	28,59	28,93	0,08		52,95	53,31	200	147,05	146,69
SIH-CP-04	3131100P026	003	211121J001	083		22,39	22,66	27,04	27,10	0,09		49,52	49,76	200	150,48	150,24
SIH-CP-04	3131100P026	004	211121J001	084		24,00	24,24	28,50	28,62	0,08		52,58	52,86	200	147,42	147,14
SIH-CP-04	3131100P026	015	211121J001	085		24,41	24,56	28,97	28,84	0,08		53,46	53,40	200	146,54	146,60
SIH-CP-04	3131100P025	012	211121J001	086	SST	89,37	89,70	109,70	109,41	0,55		199,62	199,11	400	200,38	200,89
SIH-CP-04	3131100P025	008	211121J001	087	SST	177,16	177,15	214,60	214,30	0,37		392,12	391,45	800	407,88	408,55
SIH-CP-04	3131100P025	021	211121J001	088		24,67	24,69	28,88	28,77	0,08		53,63	53,46	200	146,37	146,54
SIH-CP-04	3131100P025	018	211121J001	089		24,34	24,41	29,07	28,85	0,08		53,49	53,26	200	146,51	146,74
SIH-CP-04	3131100P025	005	211121J001	090	SST	175,97	176,09	218,00	216,21	0,37		394,34	392,30	800	405,66	407,70
SIH-CP-04	3131100P025	004	211121J001	091		24,48	24,80	28,49	28,63	0,08		53,05	53,43	200	146,95	146,57
SIH-CP-04	3131100P025	014	211121J001	092		22,73	22,79	26,73	26,72	0,09		49,55	49,51	200	150,45	150,49
SIH-CP-04	3131100P025	002	211121J001	093	SST	177,38	177,44	216,70	215,33	0,38		394,46	392,77	800	405,54	407,23
SIH-CP-04	3131100P025	020	211121J001	094		22,93	23,17	26,45	26,50	0,09		49,47	49,67	200	150,53	150,33
SIH-CP-04	3131100P025	006	211121J001	095		22,73	22,79	26,80	26,66	0,09		49,62	49,45	200	150,38	150,55
SIH-CP-04	3131100P025	019	211121J001	096	SST	177,09	177,42	215,80	214,11	0,37		393,26	391,53	800	406,74	408,47
SIH-CP-04	3131100P025	007	211121J001	097		24,14	24,68	28,88	28,94	0,08		53,10	53,62	200	146,90	146,38
SIH-CP-04	3131100P025	003	211121J001	098		22,59	22,67	26,68	26,70	0,09		49,37	49,37	200	150,63	150,63
SIH-CP-04	3131100P025	016	211121J001	099	SST	177,18	177,18	217,20	215,86	0,37		394,76	393,04	800	405,24	406,96
SIH-CP-04	3131100P025	015	211121J001	100		24,27	24,35	29,10	28,87	0,08		53,45	53,22	200	146,55	146,78
SIH-CP-05	3131100P051	006	211121J005	001	SST	259,68	259,42	273,00	270,85	0,64		533,32	530,27	800	266,68	269,73
SIH-CP-05	3131100P051	008	211121J005	002	SST	262,64	262,39	275,80	274,12	0,64		539,08	536,51	800	260,92	263,49
SIH-CP-05	3131100P051	028	211121J005	003	SST	260,96	260,65	277,10	274,86	0,64		538,70	535,51	800	261,30	264,49
SIH-CP-05	3131100P051	010	211121J005	004	SST	263,68	263,43	273,90	271,29	0,64		538,22	534,72	800	261,78	265,28
SIH-CP-05	3131100P051	012	211121J005	005	SST	262,91	262,59	278,10	275,58	0,64		541,65	538,17	800	258,35	261,83
SIH-CP-05	3131100P051	030	211121J005	006	SST	263,14	262,80	272,70	271,41	0,64		536,48	534,21	800	263,52	265,79
SIH-CP-05	3131100P051	013	211121J005	007	SST	263,07	262,75	276,40	274,19	0,64		540,11	536,94	800	259,89	263,06
SIH-CP-05	3131100P051	024	211121J005	008	SST	258,70	258,58	272,90	271,46	0,64		532,24	530,04	800	267,76	269,96

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-05	3131100P051	026	211121J005	009	SST	263,11	262,76	271,90	271,40	0,65		535,66	534,16	800	264,34	265,84
SIH-CP-05	3131100P051	009	211121J005	010	SST	263,71	263,44	272,20	270,20	0,64		536,55	533,64	800	263,45	266,36
SIH-CP-05	3131100P051	029	211121J005	011	SST	260,62	260,30	272,00	270,46	0,64		533,26	530,76	800	266,74	269,24
SIH-CP-05	3131100P051	031	211121J005	013	SST	265,66	265,32	276,90	274,73	0,65		543,21	540,05	800	256,79	259,95
SIH-CP-05	3131100P051	032	211121J005	014	SST	262,17	261,81	279,90	274,99	0,65		542,71	536,80	800	257,29	263,20
SIH-CP-05	3131100P051	004	211121J005	015	SST	260,96	260,64	275,80	273,65	0,64		537,40	534,29	800	262,60	265,71
SIH-CP-05	3131100P051	023	211121J005	016	SST	260,89	260,57	272,40	271,06	0,64		533,93	531,63	800	266,07	268,37
SIH-CP-05	3131100P051	007	211121J005	017	SST	260,35	259,99	270,80	269,09	0,65		531,80	529,08	800	268,20	270,92
SIH-CP-05	3131100P051	027	211121J005	018	SST	260,42	260,03	275,20	274,58	0,65		536,27	534,61	800	263,73	265,39
SIH-CP-05	3131100P051	011	211121J005	019	SST	260,18	259,82	273,30	272,74	0,65		534,13	532,56	800	265,87	267,44
SIH-CP-05	3131100P051	033	211121J005	022	SST	262,94	262,65	272,30	272,25	0,63		535,87	534,90	800	264,13	265,10
SIH-CP-05	3131100P051	014	211121J005	023	SST	263,01	262,62	272,40	271,77	0,64		536,05	534,39	800	263,95	265,61
SIH-CP-05	3131100P051	016	211121J005	024	SST	264,66	264,20	274,20	273,56	0,65		539,50	537,76	800	260,50	262,24
SIH-CP-05	3131100P051	022	211121J005	026	SST	260,65	260,38	275,70	273,56	0,64		537,00	533,94	800	263,00	266,06
SIH-CP-05	3131100P051	005	211121J005	027	SST	258,07	257,78	271,90	271,35	0,64		530,61	529,13	800	269,39	270,87
SIH-CP-05	3131100P051	025	211121J005	028	SST	259,75	259,43	274,30	271,87	0,64		534,69	531,30	800	265,31	268,70
SIH-CP-05	3131100P052	013	211121J005	032	SST	255,61	255,49	278,30	276,24	0,64		534,55	531,73	800	265,45	268,27
SIH-CP-05	3131100P051	015	211121J005	033	SST	259,91	259,69	274,00	271,91	0,64		534,56	531,60	800	265,44	268,40
SIH-CP-05	3131100P051	034	211121J005	034	SST	265,02	264,70	272,40	271,84	0,64		538,06	536,54	800	261,94	263,46
SIH-CP-05	3131100P051	036	211121J005	035	SST	262,54	262,29	275,00	272,50	0,65		538,19	534,79	800	261,81	265,21
SIH-CP-05	3131100P052	006	211121J005	040	SST	256,15	256,07	272,80	271,12	0,65		529,60	527,19	800	270,40	272,81
SIH-CP-05	3131100P052	014	211121J005	041	BRASS	3,23	3,27	3,41	3,34	0,64		7,28	6,61	80	72,72	73,39
SIH-CP-05	3131100P052	035	211121J005	042	SST	260,89	260,61	279,10	276,58	0,64		540,63	537,19	800	259,37	262,81
SIH-CP-05	3131100P052	031	211121J005	043	SST	255,18	255,15	279,00	276,46	0,65		534,83	531,61	800	265,17	268,39
SIH-CP-05	3131100P052	012	211121J005	044	SST	260,65	260,48	277,40	276,63	0,65		538,70	537,11	800	261,30	262,89
SIH-CP-05	3131100P051	035	211121J005	045	SST	261,09	260,69	273,80	271,32	0,64		535,53	532,01	800	264,47	267,99
SIH-CP-05	3131100P051	017	211121J005	046	SST	261,76	261,47	272,10	271,39	0,64		534,51	532,86	800	265,49	267,14
SIH-CP-05	3131100P051	018	211121J005	047	SST	265,76	265,47	271,90	269,55	0,64		538,30	535,02	800	261,70	264,98
SIH-CP-05	3131100P052	025	211121J005	051	SST	257,16	256,97	272,70	276,63	0,64		530,50	533,60	800	269,50	266,40
SIH-CP-05	3131100P052	007	211121J005	052	SST	256,79	256,56	272,80	271,32	0,65		530,24	527,88	800	269,76	272,12
SIH-CP-05	3131100P052	015	211121J005	053	BRASS	3,23	3,31	3,42	3,70	0,65		7,30	7,01	80	72,70	72,99
SIH-CP-05	3131100P052	016	211121J005	054	SST	258,81	258,66	273,20	269,55	0,65		532,66	528,21	800	267,34	271,79

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-05	3131100P052	030	211121J005	055	SST	260,69	260,46	279,30	271,48	0,65		540,64	531,94	800	259,36	268,06
SIH-CP-05	3131100P052	027	211121J005	056	SST	260,29	260,09	272,10	270,67	0,65		533,03	530,76	800	266,97	269,24
SIH-CP-05	3131100P051	019	211121J005	057	SST	262,57	262,43	272,90	3,43	0,64		536,11	265,86	800	263,89	534,14
SIH-CP-05	3131100P051	037	211121J005	058	SST	261,93	261,61	276,60	272,61	0,65		539,18	534,22	800	260,82	265,78
SIH-CP-05	3131100P052	034	211121J005	065	SST	260,79	260,65	278,90	275,84	0,65		540,33	536,49	800	259,67	263,51
SIH-CP-05	3131100P052	032	211121J005	066	SST	257,83	257,65	278,30	275,71	0,65		536,78	533,36	800	263,22	266,64
SIH-CP-05	3131100P052	009	211121J005	067	SST	257,63	257,59	274,40	272,58	0,64		532,67	530,17	800	267,33	269,83
SIH-CP-05	3131100P052	026	211121J005	068	SST	257,46	257,24	277,00	276,01	0,65		535,11	533,25	800	264,89	266,75
SIH-CP-05	3131100P050	037	211121J005	069	SST	265,40	265,07	271,90	271,77	0,62		537,92	536,84	800	262,08	263,16
SIH-CP-05	3131100P052	033	211121J005	077	SST	258,50	258,39	276,50	275,83	0,64		535,64	534,22	800	264,36	265,78
SIH-CP-05	3131100P052	010	211121J005	078	SST	256,69	256,61	272,40	271,79	0,64		529,73	528,40	800	270,27	271,60
SIH-CP-05	3131100P052	008	211121J005	079	SST	255,44	255,42	272,70	272,08	0,64		528,78	527,50	800	271,22	272,50
SIH-CP-05	3131100P050	016	211121J005	080	SST	264,99	264,79	270,00	269,36	0,62		535,61	534,15	800	264,39	265,85
SIH-CP-05	3131100P050	019	211121J005	081	SST	268,22	267,91	277,40	274,26	0,61		546,23	542,17	800	253,77	257,83
SIH-CP-05	3131100P052	020	211121J005	084	SST	258,30	258,16	274,70	274,09	0,65		533,65	532,25	800	266,35	267,75
SIH-CP-05	3131100P052	021	211121J005	085	SST	258,67	258,58	271,10	270,36	0,65		530,42	528,94	800	269,58	271,06
SIH-CP-05	3131100P052	022	211121J005	086	SST	257,73	257,59	271,20	270,51	0,64		529,57	528,10	800	270,43	271,90
SIH-CP-05	3131100P052	023	211121J005	087	SST	258,17	258,01	276,00	273,34	0,64		534,80	531,35	800	265,20	268,65
SIH-CP-05	3131100P052	024	211121J005	088	SST	257,09	256,80	275,20	273,67	0,64		532,93	530,47	800	267,07	269,53
SIH-CP-05	3131100P052	011	211121J005	089	SST	258,84	258,73	272,80	272,18	0,65		532,29	530,91	800	267,71	269,09
SIH-CP-05	3131100P052	028	211121J005	090	SST	260,69	260,49	277,80	275,20	0,64		539,13	535,69	800	260,87	264,31
SIH-CP-05	3131100P050	034	211121J005	091	SST	268,35	268,02	270,00	269,27	0,61		538,96	537,29	800	261,04	262,71
SIH-CP-05	3131100P050	036	211121J005	092	SST	266,84	266,66	275,40	274,61	0,62		542,86	541,27	800	257,14	258,73
SIH-CP-05	3131100P050	018	211121J005	093	SST	267,71	267,40	276,40	275,43	0,61		544,73	542,83	800	255,27	257,17
SIH-CP-05	3131100P052	001	211121J005	096	SST	259,17	259,05	274,50	275,20	0,65		534,32	534,25	800	265,68	265,75
SIH-CP-05	3131100P052	002	211121J005	097	SST	254,37	254,31	275,00	269,27	0,65		530,02	523,58	800	269,98	276,42
SIH-CP-05	3131100P052	003	211121J005	098	SST	257,19	257,09	274,40	274,61	0,64		532,24	531,70	800	267,76	268,30
SIH-CP-05	3131100P052	004	211121J005	099	SST	254,61	254,48	275,80	275,43	0,65		531,05	529,91	800	268,95	270,09
SIH-CP-05	3131100P052	005	211121J005	100	SST	257,83	257,75	274,80	273,91	0,65		533,28	531,66	800	266,72	268,34
SIH-CP-05	3131100P052	029	211121J005	101	SST	258,50	258,35	276,40	274,21	0,64		535,54	532,56	800	264,46	267,44
SIH-CP-05	3131100P050	014	211121J005	102	SST	262,30	261,99	277,10	273,92	0,61		540,01	535,91	800	259,99	264,09
SIH-CP-05	3131100P050	015	211121J005	103	SST	264,39	264,05	273,10	273,43	0,61		538,10	537,48	800	261,90	262,52

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-05	3131100P050	017	211121J005	104	SST	265,46	265,19	273,70	273,35	0,62		539,78	538,54	800	260,22	261,46
SIH-CP-05	3131100P050	022	211121J005	105	SST	264,22	263,75	272,30	275,70	0,62		537,13	539,45	800	262,87	260,55
SIH-CP-05	3131100P050	023	211121J005	106	SST	266,17	265,89	273,70	274,52	0,61		540,47	540,41	800	259,53	259,59
SIH-CP-05	3131100P050	005	211121J005	107	SST	265,60	265,35	274,00	272,52	0,61		540,21	537,87	800	259,79	262,13
SIH-CP-05	3131100P050	026	211121J005	108	SST	266,47	266,13	272,40	271,29	0,62		539,49	537,42	800	260,51	262,58
SIH-CP-05	3131100P050	008	211121J005	109	SST	264,12	263,81	271,40	271,68	0,61		536,13	535,49	800	263,87	264,51
SIH-CP-05	3131100P050	010	211121J005	110	SST	267,01	266,86	273,10	271,00	0,61		540,72	537,86	800	259,28	262,14
SIH-CP-05	3131100P050	032	211121J005	112	SST	265,16	264,90	275,90	273,35	0,61		541,67	538,25	800	258,33	261,75
SIH-CP-05	3131100P050	033	211121J005	113	SST	264,82	264,57	273,50	272,13	0,61		538,93	536,70	800	261,07	263,30
SIH-CP-05	3131100P050	035	211121J005	114	SST	265,36	265,02	275,70	274,76	0,61		541,67	539,78	800	258,33	260,22
SIH-CP-05	3131100P050	004	211121J005	115	SST	263,85	263,60	277,30	274,94	0,61		541,76	538,54	800	258,24	261,46
SIH-CP-05	3131100P050	025	211121J005	116	SST	263,92	263,55	272,70	272,04	0,61		537,23	535,59	800	262,77	264,41
SIH-CP-05	3131100P050	007	211121J005	117	SST	260,79	260,61	278,40	275,29	0,62		539,80	535,90	800	260,20	264,10
SIH-CP-05	3131100P050	028	211121J005	118	SST	263,38	263,02	271,80	270,87	0,61		535,79	533,89	800	264,21	266,11
SIH-CP-05	3131100P050	029	211121J005	119	SST	262,74	262,43	274,90	274,06	0,61		538,25	536,49	800	261,75	263,51
SIH-CP-05	3131100P050	012	211121J005	120	SST	264,66	264,33	276,40	273,54	0,62		541,67	537,87	800	258,33	262,13
SIH-CP-05	3131100P050	013	211121J005	121	SST	264,15	263,85	276,50	274,93	0,60		541,25	538,78	800	258,75	261,22
SIH-CP-05	3131100P050	024	211121J005	122	SST	263,71	263,44	277,20	274,20	0,61		541,52	537,64	800	258,48	262,36
SIH-CP-05	3131100P050	006	211121J005	123	SST	263,38	263,05	276,40	274,61	0,62		540,40	537,66	800	259,60	262,34
SIH-CP-05	3131100P050	027	211121J005	124	SST	263,54	263,26	271,80	270,85	0,62		535,96	534,11	800	264,04	265,89
SIH-CP-05	3131100P050	009	211121J005	125	SST	262,91	262,53	273,00	271,86	0,61		536,52	534,39	800	263,48	265,61
SIH-CP-05	3131100P050	011	211121J005	126	SST	261,97	261,65	272,50	271,55	0,62		535,08	533,20	800	264,92	266,80
SIH-CP-05	3131100P050	030	211121J005	127	SST	265,02	264,77	275,50	273,03	0,61		541,13	537,80	800	258,87	262,20
SIH-CP-05	3131100P050	031	211121J005	128	SST	263,38	263,15	276,10	274,35	0,62		540,10	537,50	800	259,90	262,50
SIH-CP-06	3131100P054	006	211121J006	001	SST	246,64	246,48	273,00	272,77	0,62		520,26	519,25	800	279,74	280,75
SIH-CP-06	3131100P054	008	211121J006	002	SST	246,06	245,94	279,00	276,24	0,61		525,67	522,18	800	274,33	277,82
SIH-CP-06	3131100P054	028	211121J006	003	SST	246,87	246,68	277,30	275,63	0,61		524,78	522,31	800	275,22	277,69
SIH-CP-06	3131100P054	010	211121J006	004	SST	247,51	247,41	274,40	272,43	0,62		522,53	519,84	800	277,47	280,16
SIH-CP-06	3131100P054	012	211121J006	005	SST	251,04	250,88	274,90	272,88	0,63		526,57	523,76	800	273,43	276,24
SIH-CP-06	3131100P054	030	211121J006	006	SST	249,02	248,84	272,80	272,37	0,61		522,43	521,21	800	277,57	278,79
SIH-CP-06	3131100P054	013	211121J006	007	SST	248,89	248,68	272,70	272,29	0,61		522,19	520,97	800	277,81	279,03

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-06	3131100P054	024	211121J006	008	SST	247,17	246,84	273,60	272,63	0,61		521,39	519,47	800	278,61	280,53
SIH-CP-06	3131100P054	026	211121J006	009	SST	245,49	245,25	274,10	271,94	0,63		520,22	517,19	800	279,78	282,81
SIH-CP-06	3131100P054	009	211121J006	010	SST	247,17	247,02	277,80	276,29	0,61		525,59	523,31	800	274,41	276,69
SIH-CP-06	3131100P054	029	211121J006	011	SST	248,62	248,45	274,60	272,93	0,61		523,83	521,38	800	276,17	278,62
SIH-CP-06	3131100P054	031	211121J006	013	SST	252,45	252,22	274,70	274,25	0,63		527,78	526,47	800	272,22	273,53
SIH-CP-06	3131100P054	032	211121J006	014	SST	249,83	249,61	273,70	273,26	0,63		524,16	522,87	800	275,84	277,13
SIH-CP-06	3131100P054	004	211121J006	015	SST	246,27	246,07	277,90	275,78	0,62		524,79	521,85	800	275,21	278,15
SIH-CP-06	3131100P054	023	211121J006	016	SST	249,90	249,69	274,90	273,12	0,61		525,41	522,81	800	274,59	277,19
SIH-CP-06	3131100P054	007	211121J006	017	SST	244,25	244,02	276,30	274,43	0,62		521,17	518,45	800	278,83	281,55
SIH-CP-06	3131100P054	027	211121J006	018	SST	249,73	249,52	273,40	272,80	0,63		523,76	522,32	800	276,24	277,68
SIH-CP-06	3131100P054	011	211121J006	019	SST	249,46	249,23	272,90	270,47	0,63		522,99	519,70	800	277,01	280,30
SIH-CP-06	3131100P054	033	211121J006	022	SST	252,22	252,00	278,00	275,96	0,61		530,82	527,96	800	269,18	272,04
SIH-CP-06	3131100P054	014	211121J006	023	SST	247,17	246,89	276,90	276,45	0,62		524,69	523,34	800	275,31	276,66
SIH-CP-06	3131100P054	016	211121J006	024	SST	249,16	248,94	274,90	272,28	0,63		524,69	521,22	800	275,31	278,78
SIH-CP-06	3131100P054	022	211121J006	026	SST	246,84	246,59	277,90	275,28	0,63		525,36	521,87	800	274,64	278,13
SIH-CP-06	3131100P054	005	211121J006	027	SST	246,67	246,49	273,80	272,66	0,62		521,08	519,15	800	278,92	280,85
SIH-CP-06	3131100P054	025	211121J006	028	SST	247,01	246,80	274,80	272,85	0,62		522,43	519,65	800	277,57	280,35
SIH-CP-06	3131100P055	013	211121J006	032	SST	248,82	248,61	274,90	276,45	0,65		524,37	525,06	800	275,63	274,94
SIH-CP-06	3131100P054	015	211121J006	033	SST	251,58	251,40	272,30	272,28	0,62		524,49	523,68	800	275,51	276,32
SIH-CP-06	3131100P054	034	211121J006	034	SST	252,32	252,05	276,50	275,28	0,62		529,43	527,33	800	270,57	272,67
SIH-CP-06	3131100P054	036	211121J006	035	SST	249,19	249,00	278,00	272,66	0,63		527,82	521,66	800	272,18	278,34
SIH-CP-06	3131100P055	006	211121J006	040	SST	247,54	247,41	274,90	272,85	0,67		523,11	520,26	800	276,89	279,74
SIH-CP-06	3131100P055	014	211121J006	041	BRASS	3,09	3,15	3,46	3,38	0,65		7,20	6,53	80	72,80	73,47
SIH-CP-06	3131100P055	035	211121J006	042	SST	249,02	248,83	275,00	272,88	0,65		524,67	521,71	800	275,33	278,29
SIH-CP-06	3131100P055	031	211121J006	043	SST	250,80	250,57	274,10	271,82	0,67		525,57	522,39	800	274,43	277,61
SIH-CP-06	3131100P055	012	211121J006	044	SST	250,84	250,63	273,60	272,81	0,67		525,10	523,44	800	274,90	276,56
SIH-CP-06	3131100P054	035	211121J006	045	SST	252,92	252,61	272,70	270,65	0,62		526,24	523,26	800	273,76	276,74
SIH-CP-06	3131100P054	017	211121J006	046	SST	250,00	249,76	274,40	273,68	0,62		525,02	523,44	800	274,98	276,56
SIH-CP-06	3131100P054	018	211121J006	047	SST	249,59	249,30	276,70	275,00	0,61		526,90	524,30	800	273,10	275,70
SIH-CP-06	3131100P055	025	211121J006	051	SST	246,74	246,61	274,50	272,22	0,65		521,88	518,83	800	278,12	281,17
SIH-CP-06	3131100P055	007	211121J006	052	SST	247,85	247,66	273,90	272,16	0,66		522,40	519,82	800	277,60	280,18
SIH-CP-06	3131100P055	015	211121J006	053	BRASS	3,03	3,20	3,46	3,46	0,66		7,14	6,66	80	72,86	73,34

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-06	3131100P055	016	211121J006	054	SST	250,57	250,45	277,00	275,96	0,67		528,24	526,41	800	271,76	273,59
SIH-CP-06	3131100P055	030	211121J006	055	SST	249,39	249,23	273,40	273,02	0,65		523,45	522,25	800	276,55	277,75
SIH-CP-06	3131100P055	027	211121J006	056	SST	248,99	248,71	276,70	276,13	0,66		526,35	524,84	800	273,65	275,16
SIH-CP-06	3131100P054	019	211121J006	057	SST	249,76	249,58	273,60	273,07	0,61		523,97	522,65	800	276,03	277,35
SIH-CP-06	3131100P054	037	211121J006	058	SST	248,96	248,76	272,80	272,14	0,63		522,39	520,90	800	277,61	279,10
SIH-CP-06	3131100P055	034	211121J006	065	SST	247,68	247,51	276,10	275,59	0,66		524,43	523,10	800	275,57	276,90
SIH-CP-06	3131100P055	032	211121J006	066	SST	246,84	246,68	279,00	276,70	0,66		526,50	523,38	800	273,50	276,62
SIH-CP-06	3131100P055	009	211121J006	067	SST	245,90	245,69	275,40	273,14	0,65		521,94	518,83	800	278,06	281,17
SIH-CP-06	3131100P055	026	211121J006	068	SST	247,95	247,69	275,50	273,12	0,67		524,12	520,81	800	275,88	279,19
SIH-CP-06	3131100P053	037	211121J006	069	SST	253,12	252,98	274,80	273,38	0,66		528,58	526,36	800	271,42	273,64
SIH-CP-06	3131100P055	033	211121J006	077	SST	245,53	245,34	279,30	277,27	0,65		525,47	522,61	800	274,53	277,39
SIH-CP-06	3131100P055	010	211121J006	078	SST	249,36	249,20	278,90	277,10	0,66		528,92	526,30	800	271,08	273,70
SIH-CP-06	3131100P055	008	211121J006	079	SST	251,04	250,92	276,50	276,05	0,65		528,19	526,97	800	271,81	273,03
SIH-CP-06	3131100P053	016	211121J006	080	SST	250,00	249,93	275,90	273,72	0,66		526,55	523,65	800	273,45	276,35
SIH-CP-06	3131100P053	019	211121J006	081	SST	252,72	252,54	277,60	277,06	0,64		530,96	529,60	800	269,04	270,40
SIH-CP-06	3131100P055	020	211121J006	084	SST	248,18	247,98	277,20	274,90	0,66		526,04	522,88	800	273,96	277,12
SIH-CP-06	3131100P055	021	211121J006	085	SST	248,79	248,67	272,50	271,31	0,67		521,95	519,98	800	278,05	280,02
SIH-CP-06	3131100P055	022	211121J006	086	SST	249,59	249,47	272,30	271,77	0,65		522,55	521,24	800	277,45	278,76
SIH-CP-06	3131100P055	023	211121J006	087	SST	245,16	244,97	276,90	274,56	0,65		522,70	519,53	800	277,30	280,47
SIH-CP-06	3131100P055	024	211121J006	088	SST	247,75	247,55	275,10	274,46	0,66		523,50	522,01	800	276,50	277,99
SIH-CP-06	3131100P055	011	211121J006	089	SST	250,57	250,32	279,00	277,03	0,67		530,24	527,35	800	269,76	272,65
SIH-CP-06	3131100P055	028	211121J006	090	SST	248,05	247,82	277,00	276,33	0,65		525,70	524,15	800	274,30	275,85
SIH-CP-06	3131100P053	034	211121J006	091	SST	250,33	250,20	273,20	271,04	0,64		524,17	521,24	800	275,83	278,76
SIH-CP-06	3131100P053	036	211121J006	092	SST	253,23	252,89	273,90	273,35	0,65		527,77	526,24	800	272,23	273,76
SIH-CP-06	3131100P053	018	211121J006	093	SST	250,23	250,05	273,10	272,42	0,64		523,98	522,47	800	276,02	277,53
SIH-CP-06	3131100P055	001	211121J006	096	SST	249,73	249,57	276,80	274,67	0,66		527,19	524,24	800	272,81	275,76
SIH-CP-06	3131100P055	002	211121J006	097	SST	248,15	248,05	277,40	274,96	0,66		526,21	523,01	800	273,79	276,99
SIH-CP-06	3131100P055	003	211121J006	098	SST	248,48	248,41	275,30	274,75	0,66		524,44	523,16	800	275,56	276,84
SIH-CP-06	3131100P055	004	211121J006	099	SST	248,69	248,47	277,30	275,01	0,66		526,64	523,48	800	273,36	276,52
SIH-CP-06	3131100P055	005	211121J006	100	SST	245,26	245,12	275,60	274,79	0,66		521,52	519,91	800	278,48	280,09
SIH-CP-06	3131100P055	029	211121J006	101	SST	250,47	250,23	278,20	276,37	0,65		529,32	526,60	800	270,68	273,40
SIH-CP-06	3131100P053	014	211121J006	102	SST	253,66	253,58	275,70	275,16	0,64		530,00	528,74	800	270,00	271,26

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-06	3131100P053	015	211121J006	103	SST	250,67	250,44	276,60	276,08	0,64		527,91	526,52	800	272,09	273,48
SIH-CP-06	3131100P053	017	211121J006	104	SST	249,90	249,75	275,70	272,99	0,65		526,25	522,74	800	273,75	277,26
SIH-CP-06	3131100P053	022	211121J006	105	SST	251,38	251,20	277,20	275,51	0,66		529,23	526,71	800	270,77	273,29
SIH-CP-06	3131100P053	023	211121J006	106	SST	249,53	249,35	277,50	275,70	0,64		527,66	525,05	800	272,34	274,95
SIH-CP-06	3131100P053	005	211121J006	107	SST	249,16	249,15	272,30	271,63	0,64		522,10	520,78	800	277,90	279,22
SIH-CP-06	3131100P053	026	211121J006	108	SST	248,62	248,46	274,20	271,71	0,65		523,47	520,17	800	276,53	279,83
SIH-CP-06	3131100P053	008	211121J006	109	SST	247,68	247,54	275,10	274,18	0,64		523,42	521,72	800	276,58	278,28
SIH-CP-06	3131100P053	010	211121J006	110	SST	252,32	252,20	274,20	271,73	0,64		527,16	523,93	800	272,84	276,07
SIH-CP-06	3131100P053	032	211121J006	112	SST	250,64	250,69	275,30	272,86	0,65		526,58	523,55	800	273,42	276,45
SIH-CP-06	3131100P053	033	211121J006	113	SST	248,01	247,80	275,80	275,09	0,64		524,45	522,89	800	275,55	277,11
SIH-CP-06	3131100P053	035	211121J006	114	SST	253,70	253,45	278,40	276,12	0,64		532,74	529,57	800	267,26	270,43
SIH-CP-06	3131100P053	004	211121J006	115	SST	251,91	251,77	273,10	272,17	0,64		525,66	523,94	800	274,34	276,06
SIH-CP-06	3131100P053	025	211121J006	116	SST	249,29	249,12	272,80	271,86	0,64		522,73	520,98	800	277,27	279,02
SIH-CP-06	3131100P053	007	211121J006	117	SST	248,72	248,51	274,20	272,17	0,65		523,57	520,68	800	276,43	279,32
SIH-CP-06	3131100P053	028	211121J006	118	SST	249,06	248,83	275,80	274,67	0,64		525,50	523,50	800	274,50	276,50
SIH-CP-06	3131100P053	029	211121J006	119	SST	249,29	249,06	272,60	271,85	0,64		522,53	520,91	800	277,47	279,09
SIH-CP-06	3131100P053	012	211121J006	120	SST	250,47	250,45	275,00	272,54	0,65		526,12	522,99	800	273,88	277,01
SIH-CP-06	3131100P053	013	211121J006	121	SST	249,83	249,65	274,40	273,48	0,63		524,86	523,13	800	275,14	276,87
SIH-CP-06	3131100P053	024	211121J006	122	SST	249,29	249,34	271,90	269,47	0,63		521,82	518,81	800	278,18	281,19
SIH-CP-06	3131100P053	006	211121J006	123	SST	252,12	251,88	273,60	272,28	0,65		526,37	524,16	800	273,63	275,84
SIH-CP-06	3131100P053	027	211121J006	124	SST	249,36	249,16	277,20	275,22	0,65		527,21	524,38	800	272,79	275,62
SIH-CP-06	3131100P053	009	211121J006	125	SST	248,82	248,63	275,50	274,50	0,64		524,96	523,13	800	275,04	276,87
SIH-CP-06	3131100P053	011	211121J006	126	SST	246,27	246,34	274,50	272,15	0,65		521,41	518,49	800	278,59	281,51
SIH-CP-06	3131100P053	030	211121J006	127	SST	249,69	249,51	277,40	276,69	0,64		527,73	526,20	800	272,27	273,80
SIH-CP-06	3131100P053	031	211121J006	128	SST	251,95	251,73	275,10	273,10	0,66		527,70	524,83	800	272,30	275,17
SIH-CP-07	3131100P057	006	211121J010	001	SST	196,12	196,22	307,80	308,40	0,66		504,58	504,62	800	295,42	295,38
SIH-CP-07	3131100P057	008	211121J010	002	SST	191,54	191,97	309,60	310,60	0,64		501,78	502,57	800	298,22	297,43
SIH-CP-07	3131100P057	028	211121J010	003	SST	193,67	193,87	307,00	306,86	0,65		501,32	500,73	800	298,68	299,27
SIH-CP-07	3131100P057	010	211121J010	004	SST	193,11	193,26	304,20	303,66	0,66		497,96	496,92	800	302,04	303,08
SIH-CP-07	3131100P057	012	211121J010	005	SST	197,78	197,89	308,60	309,52	0,67		507,04	507,41	800	292,96	292,59
SIH-CP-07	3131100P057	030	211121J010	006	SST	195,76	195,79	312,20	312,94	0,65		508,60	508,73	800	291,40	291,27

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-07	3131100P057	013	211121J010	007	SST	197,44	197,48	309,30	310,05	0,65		507,39	507,53	800	292,61	292,47
SIH-CP-07	3131100P057	024	211121J010	008	SST	193,85	194,03	305,70	305,91	0,65		500,20	499,94	800	299,80	300,06
SIH-CP-07	3131100P057	026	211121J010	009	SST	193,74	193,85	308,70	309,52	0,67		503,11	503,37	800	296,89	296,63
SIH-CP-07	3131100P057	009	211121J010	010	SST	193,11	193,21	309,40	309,85	0,65		503,16	503,06	800	296,84	296,94
SIH-CP-07	3131100P057	029	211121J010	011	SST	195,08	195,26	307,00	306,47	0,65		502,73	501,73	800	297,27	298,27
SIH-CP-07	3131100P057	031	211121J010	013	SST	197,98	198,01	311,70	312,48	0,67		510,35	510,49	800	289,65	289,51
SIH-CP-07	3131100P057	032	211121J010	014	SST	195,96	195,92	309,10	309,80	0,68		505,73	505,72	800	294,27	294,28
SIH-CP-07	3131100P057	004	211121J010	015	SST	194,59	194,64	306,10	306,13	0,66		501,34	500,77	800	298,66	299,23
SIH-CP-07	3131100P057	023	211121J010	016	SST	192,80	192,81	307,00	306,45	0,65		500,44	499,26	800	299,56	300,74
SIH-CP-07	3131100P057	007	211121J010	017	SST	195,46	195,53	308,60	309,29	0,66		504,72	504,82	800	295,28	295,18
SIH-CP-07	3131100P057	027	211121J010	018	SST	193,33	193,36	305,70	305,36	0,67		499,70	498,72	800	300,30	301,28
SIH-CP-07	3131100P057	011	211121J010	019	SST	195,26	195,29	309,40	309,97	0,67		505,33	505,26	800	294,67	294,74
SIH-CP-07	3131100P057	033	211121J010	022	SST	195,39	195,44	314,40	315,23	0,65		510,44	510,67	800	289,56	289,33
SIH-CP-07	3131100P057	014	211121J010	023	SST	195,46	195,52	313,20	313,93	0,66		509,32	509,45	800	290,68	290,55
SIH-CP-07	3131100P057	016	211121J010	024	SST	194,05	193,99	310,60	310,85	0,67		505,32	504,84	800	294,68	295,16
SIH-CP-07	3131100P057	022	211121J010	026	SST	193,31	193,34	306,50	306,28	0,67		500,47	499,62	800	299,53	300,38
SIH-CP-07	3131100P057	005	211121J010	027	SST	195,73	196,00	306,50	307,23	0,65		502,88	503,23	800	297,12	296,77
SIH-CP-07	3131100P057	025	211121J010	028	SST	193,27	193,38	305,70	305,58	0,66		499,62	498,96	800	300,38	301,04
SIH-CP-07	3131100P058	013	211121J010	032	SST	194,41	194,52	307,40	307,19	0,66		502,47	501,71	800	297,53	298,29
SIH-CP-07	3131100P057	015	211121J010	033	SST	195,93	195,96	313,60	314,42	0,66		510,19	510,38	800	289,81	289,62
SIH-CP-07	3131100P057	034	211121J010	034	SST	196,13	196,19	313,10	314,07	0,65		509,89	510,26	800	290,11	289,74
SIH-CP-07	3131100P057	036	211121J010	035	SST	195,46	195,61	309,60	310,26	0,67		505,73	505,87	800	294,27	294,13
SIH-CP-07	3131100P058	006	211121J010	040	SST	198,56	198,59	307,90	308,48	0,68		507,14	507,07	800	292,86	292,93
SIH-CP-07	3131100P058	014	211121J010	041	BRASS	2,42	2,52	3,89	3,82	0,66		6,97	6,34	80	73,03	73,66
SIH-CP-07	3131100P058	035	211121J010	042	SST	197,14	197,22	310,90	311,76	0,66		508,70	508,98	800	291,30	291,02
SIH-CP-07	3131100P058	031	211121J010	043	SST	195,93	196,07	310,90	311,64	0,68		507,52	507,71	800	292,48	292,29
SIH-CP-07	3131100P058	012	211121J010	044	SST	196,34	196,39	311,50	312,17	0,68		508,52	508,56	800	291,48	291,44
SIH-CP-07	3131100P057	035	211121J010	045	SST	196,03	195,98	310,00	310,59	0,66		506,68	506,57	800	293,32	293,43
SIH-CP-07	3131100P057	017	211121J010	046	SST	198,35	198,45	311,30	311,95	0,66		510,32	510,40	800	289,68	289,60
SIH-CP-07	3131100P057	018	211121J010	047	SST	196,94	196,96	309,80	310,41	0,65		507,39	507,37	800	292,61	292,63
SIH-CP-07	3131100P058	025	211121J010	051	SST	198,35	198,43	307,40	308,03	0,66		506,42	506,46	800	293,58	293,54
SIH-CP-07	3131100P058	007	211121J010	052	SST	197,61	197,71	306,80	307,32	0,67		505,09	505,03	800	294,91	294,97

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-07	3131100P058	015	211121J010	053	BRASS	2,42	2,57	3,93	3,92	0,67		7,02	6,49	80	72,98	73,51
SIH-CP-07	3131100P058	016	211121J010	054	SST	197,71	197,80	307,50	308,51	0,69		505,89	506,31	800	294,11	293,69
SIH-CP-07	3131100P058	030	211121J010	055	SST	195,82	195,94	307,40	308,30	0,67		503,89	504,24	800	296,11	295,76
SIH-CP-07	3131100P058	027	211121J010	056	SST	198,29	198,39	308,10	307,71	0,68		507,06	506,10	800	292,94	293,90
SIH-CP-07	3131100P057	019	211121J010	057	SST	197,91	197,98	307,10	307,73	0,65		505,66	505,71	800	294,34	294,29
SIH-CP-07	3131100P057	037	211121J010	058	SST	195,53	195,66	310,10	310,77	0,67		506,30	506,43	800	293,70	293,57
SIH-CP-07	3131100P058	034	211121J010	065	SST	194,38	194,47	310,80	311,63	0,67		505,85	506,10	800	294,15	293,90
SIH-CP-07	3131100P058	032	211121J010	066	SST	195,35	195,52	311,80	312,47	0,67		507,83	507,99	800	292,17	292,01
SIH-CP-07	3131100P058	009	211121J010	067	SST	198,45	198,57	311,70	312,20	0,66		510,81	510,77	800	289,19	289,23
SIH-CP-07	3131100P058	026	211121J010	068	SST	195,80	195,86	311,70	312,28	0,69		508,18	508,14	800	291,82	291,86
SIH-CP-07	3131100P056	037	211121J010	069	SST	193,80	193,75	310,70	311,28	0,65		505,15	505,03	800	294,85	294,97
SIH-CP-07	3131100P058	033	211121J010	077	SST	198,58	198,64	312,00	312,78	0,66		511,24	511,42	800	288,76	288,58
SIH-CP-07	3131100P058	010	211121J010	078	SST	197,30	197,34	307,10	308,08	0,66		505,07	505,42	800	294,93	294,58
SIH-CP-07	3131100P058	008	211121J010	079	SST	194,34	194,45	307,50	308,21	0,67		502,51	502,66	800	297,49	297,34
SIH-CP-07	3131100P056	016	211121J010	080	SST	194,52	194,56	311,10	311,96	0,65		506,26	506,52	800	293,74	293,48
SIH-CP-07	3131100P056	019	211121J010	081	SST	192,97	192,95	311,90	312,48	0,63		505,50	505,43	800	294,50	294,57
SIH-CP-07	3131100P058	020	211121J010	084	SST	197,95	198,08	310,20	311,04	0,67		508,82	509,12	800	291,18	290,88
SIH-CP-07	3131100P058	021	211121J010	085	SST	197,75	197,84	310,10	310,78	0,69		508,54	508,62	800	291,46	291,38
SIH-CP-07	3131100P058	022	211121J010	086	SST	197,28	197,40	309,40	310,12	0,67		507,35	507,52	800	292,65	292,48
SIH-CP-07	3131100P058	023	211121J010	087	SST	195,06	194,99	309,90	310,45	0,66		505,62	505,44	800	294,38	294,56
SIH-CP-07	3131100P058	024	211121J010	088	SST	198,02	197,99	306,40	306,05	0,67		505,09	504,04	800	294,91	295,96
SIH-CP-07	3131100P058	011	211121J010	089	SST	198,49	198,55	311,80	312,22	0,69		510,98	510,77	800	289,02	289,23
SIH-CP-07	3131100P058	028	211121J010	090	SST	198,58	198,64	307,30	308,11	0,67		506,55	506,75	800	293,45	293,25
SIH-CP-07	3131100P056	034	211121J010	091	SST	194,21	194,16	312,10	312,83	0,62		506,93	506,99	800	293,07	293,01
SIH-CP-07	3131100P056	036	211121J010	092	SST	194,61	194,51	309,50	310,09	0,64		504,75	504,60	800	295,25	295,40
SIH-CP-07	3131100P056	018	211121J010	093	SST	192,16	192,10	311,40	311,90	0,63		504,20	504,00	800	295,80	296,00
SIH-CP-07	3131100P058	001	211121J010	096	SST	197,30	197,62	305,90	306,01	0,68		503,88	503,63	800	296,12	296,37
SIH-CP-07	3131100P058	002	211121J010	097	SST	198,83	198,93	309,60	310,34	0,68		509,10	509,27	800	290,90	290,73
SIH-CP-07	3131100P058	003	211121J010	098	SST	194,85	194,86	310,20	310,64	0,67		505,72	505,50	800	294,28	294,50
SIH-CP-07	3131100P058	004	211121J010	099	SST	198,38	198,38	310,20	310,72	0,67		509,25	509,10	800	290,75	290,90
SIH-CP-07	3131100P058	005	211121J010	100	SST	197,82	197,88	310,20	310,54	0,68		508,69	508,42	800	291,31	291,58
SIH-CP-07	3131100P058	029	211121J010	101	SST	197,01	197,03	311,60	312,07	0,66		509,27	509,10	800	290,73	290,90

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-07	3131100P056	014	211121J010	102	SST	194,05	194,12	306,70	306,30	0,62		501,37	500,42	800	298,63	299,58
SIH-CP-07	3131100P056	015	211121J010	103	SST	196,83	196,89	310,60	311,20	0,64		508,07	508,09	800	291,93	291,91
SIH-CP-07	3131100P056	017	211121J010	104	SST	193,91	193,93	307,30	307,88	0,65		501,87	501,81	800	298,13	298,19
SIH-CP-07	3131100P056	022	211121J010	105	SST	191,96	192,02	309,90	310,55	0,65		502,51	502,57	800	297,49	297,43
SIH-CP-07	3131100P056	023	211121J010	106	SST	192,16	192,19	307,70	308,17	0,63		500,49	500,36	800	299,51	299,64
SIH-CP-07	3131100P056	005	211121J010	107	SST	191,36	191,47	308,20	308,57	0,63		500,19	500,04	800	299,81	299,96
SIH-CP-07	3131100P056	026	211121J010	108	SST	191,83	191,85	303,70	303,32	0,65		496,18	495,17	800	303,82	304,83
SIH-CP-07	3131100P056	008	211121J010	109	SST	193,24	193,35	304,10	303,87	0,64		497,98	497,22	800	302,02	302,78
SIH-CP-07	3131100P056	010	211121J010	110	SST	193,80	193,83	311,00	311,37	0,63		505,44	505,20	800	294,56	294,80
SIH-CP-07	3131100P056	032	211121J010	112	SST	193,58	193,59	306,00	305,73	0,64		500,22	499,32	800	299,78	300,68
SIH-CP-07	3131100P056	033	211121J010	113	SST	194,18	194,17	309,70	310,16	0,63		504,52	504,33	800	295,48	295,67
SIH-CP-07	3131100P056	035	211121J010	114	SST	194,25	194,26	312,10	312,04	0,64		506,99	506,30	800	293,01	293,70
SIH-CP-07	3131100P056	004	211121J010	115	SST	191,92	191,93	306,40	305,59	0,64		498,96	497,52	800	301,04	302,48
SIH-CP-07	3131100P056	025	211121J010	116	SST	191,99	191,93	309,40	309,52	0,63		502,02	501,45	800	297,98	298,55
SIH-CP-07	3131100P056	007	211121J010	117	SST	193,87	194,10	310,70	310,81	0,64		505,21	504,91	800	294,79	295,09
SIH-CP-07	3131100P056	028	211121J010	118	SST	194,21	194,21	310,00	310,33	0,63		504,84	504,54	800	295,16	295,46
SIH-CP-07	3131100P056	029	211121J010	119	SST	194,45	194,45	310,00	310,17	0,64		505,09	504,62	800	294,91	295,38
SIH-CP-07	3131100P056	012	211121J010	120	SST	196,36	196,35	310,60	310,97	0,65		507,61	507,32	800	292,39	292,68
SIH-CP-07	3131100P056	013	211121J010	121	SST	196,40	196,39	308,70	308,98	0,63		505,73	505,37	800	294,27	294,63
SIH-CP-07	3131100P056	024	211121J010	122	SST	192,19	192,18	309,60	309,35	0,62		502,41	501,53	800	297,59	298,47
SIH-CP-07	3131100P056	006	211121J010	123	SST	190,35	190,40	306,80	306,73	0,65		497,80	497,13	800	302,20	302,87
SIH-CP-07	3131100P056	027	211121J010	124	SST	192,26	192,26	308,90	308,09	0,64		501,80	500,35	800	298,20	299,65
SIH-CP-07	3131100P056	009	211121J010	125	SST	194,59	194,61	307,70	307,49	0,63		502,91	502,10	800	297,09	297,90
SIH-CP-07	3131100P056	011	211121J010	126	SST	191,49	191,67	312,00	308,40	0,64		504,13	500,07	800	295,87	299,93
SIH-CP-07	3131100P056	030	211121J010	127	SST	196,56	196,54	308,60	308,94	0,62		505,79	505,48	800	294,21	294,52
SIH-CP-07	3131100P056	031	211121J010	128	SST	194,48	194,61	309,20	309,60	0,66		504,33	504,21	800	295,67	295,79
										0,00						
SIH-CP-08	3131100P060	006	211121J011	001	SST	170,99	170,92	352,20	353,23	0,62		523,81	524,15	800	276,19	275,85
SIH-CP-08	3131100P060	008	211121J011	002	SST	171,06	171,00	351,80	352,79	0,61		523,47	523,79	800	276,53	276,21
SIH-CP-08	3131100P060	028	211121J011	003	SST	171,06	170,99	347,60	348,51	0,61		519,27	519,50	800	280,73	280,50
SIH-CP-08	3131100P060	010	211121J011	004	SST	173,14	173,12	352,20	353,07	0,62		525,96	526,19	800	274,04	273,81
SIH-CP-08	3131100P060	012	211121J011	005	SST	172,11	172,04	351,90	352,93	0,63		524,64	524,97	800	275,36	275,03

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-08	3131100P060	030	211121J011	006	SST	174,06	173,91	353,50	354,36	0,61		528,17	528,27	800	271,83	271,73
SIH-CP-08	3131100P060	013	211121J011	007	SST	172,04	171,95	350,30	351,21	0,61		522,95	523,16	800	277,05	276,84
SIH-CP-08	3131100P060	024	211121J011	008	SST	170,65	170,53	351,30	352,04	0,62		522,57	522,57	800	277,43	277,43
SIH-CP-08	3131100P060	026	211121J011	009	SST	170,72	170,62	353,40	354,24	0,63		524,75	524,86	800	275,25	275,14
SIH-CP-08	3131100P060	009	211121J011	010	SST	170,99	170,93	348,30	349,19	0,62		519,91	520,12	800	280,09	279,88
SIH-CP-08	3131100P060	029	211121J011	011	SST	170,50	170,38	352,60	353,35	0,60		523,70	523,73	800	276,30	276,27
SIH-CP-08	3131100P060	031	211121J011	013	SST	172,18	172,00	349,80	350,65	0,63		522,61	522,65	800	277,39	277,35
SIH-CP-08	3131100P060	032	211121J011	014	SST	174,09	173,93	350,60	351,30	0,63		525,32	525,23	800	274,68	274,77
SIH-CP-08	3131100P060	004	211121J011	015	SST	172,65	172,56	349,50	350,21	0,62		522,77	522,77	800	277,23	277,23
SIH-CP-08	3131100P060	023	211121J011	016	SST	172,25	172,12	350,50	351,26	0,61		523,36	523,38	800	276,64	276,62
SIH-CP-08	3131100P060	007	211121J011	017	SST	172,27	172,47	345,40	345,90	0,62		518,29	518,37	800	281,71	281,63
SIH-CP-08	3131100P060	027	211121J011	018	SST	169,09	169,00	351,70	352,26	0,63		521,41	521,26	800	278,59	278,74
SIH-CP-08	3131100P060	011	211121J011	019	SST	171,91	171,73	350,60	351,13	0,63		523,14	522,86	800	276,86	277,14
SIH-CP-08	3131100P060	033	211121J011	022	SST	172,47	172,39	348,50	349,30	0,61		521,58	521,69	800	278,42	278,31
SIH-CP-08	3131100P060	014	211121J011	023	SST	173,79	173,63	351,50	352,23	0,62		525,91	525,86	800	274,09	274,14
SIH-CP-08	3131100P060	016	211121J011	024	SST	171,93	171,76	353,10	353,76	0,63		525,67	525,52	800	274,33	274,48
SIH-CP-08	3131100P060	022	211121J011	026	SST	170,45	170,40	349,30	349,91	0,63		520,38	520,31	800	279,62	279,69
SIH-CP-08	3131100P060	005	211121J011	027	SST	172,81	172,70	349,50	350,14	0,61		522,92	522,84	800	277,08	277,16
SIH-CP-08	3131100P060	025	211121J011	028	SST	170,72	170,58	345,70	346,21	0,62		517,04	516,79	800	282,96	283,21
SIH-CP-08	3131100P061	013	211121J011	032	SST	175,16	175,03	347,60	351,13	0,64		523,40	526,16	800	276,60	273,84
SIH-CP-08	3131100P060	015	211121J011	033	SST	171,64	171,68	352,90	349,30	0,62		525,15	520,98	800	274,85	279,02
SIH-CP-08	3131100P060	034	211121J011	034	SST	174,35	174,24	346,40	352,23	0,61		521,37	526,47	800	278,63	273,53
SIH-CP-08	3131100P060	036	211121J011	035	SST	170,83	170,66	353,10	353,76	0,63		524,57	524,42	800	275,43	275,58
SIH-CP-08	3131100P061	006	211121J011	040	SST	173,25	173,08	350,50	349,91	0,67		524,42	522,99	800	275,58	277,01
SIH-CP-08	3131100P061	014	211121J011	041	BRASS	2,15	2,22	4,39	4,59	0,64		7,18	6,81	80	72,82	73,19
SIH-CP-08	3131100P061	035	211121J011	042	SST	174,13	174,00	347,40	346,21	0,64		522,17	520,21	800	277,83	279,79
SIH-CP-08	3131100P061	031	211121J011	043	SST	173,19	173,01	348,00	348,60	0,67		521,85	521,61	800	278,15	278,39
SIH-CP-08	3131100P061	012	211121J011	044	SST	175,00	174,88	352,90	353,53	0,67		528,57	528,41	800	271,43	271,59
SIH-CP-08	3131100P060	035	211121J011	045	SST	173,41	173,16	351,60	346,95	0,62		525,63	520,11	800	274,37	279,89
SIH-CP-08	3131100P060	017	211121J011	046	SST	171,91	172,02	346,50	353,71	0,62		519,03	525,73	800	280,97	274,27
SIH-CP-08	3131100P060	018	211121J011	047	SST	172,27	172,11	354,70	351,02	0,61		527,58	523,13	800	272,42	276,87
SIH-CP-08	3131100P061	025	211121J011	051	SST	173,46	173,30	350,20	350,73	0,64		524,30	524,03	800	275,70	275,97

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-08	3131100P061	007	211121J011	052	SST	172,99	172,90	349,20	349,68	0,66		522,84	522,58	800	277,16	277,42
SIH-CP-08	3131100P061	015	211121J011	053	BRASS	2,08	2,25	4,43	4,42	0,65		7,17	6,67	80	72,83	73,33
SIH-CP-08	3131100P061	016	211121J011	054	SST	175,14	175,00	346,50	347,15	0,67		522,31	522,15	800	277,69	277,85
SIH-CP-08	3131100P061	030	211121J011	055	SST	173,46	173,28	351,80	352,50	0,65		525,91	525,78	800	274,09	274,22
SIH-CP-08	3131100P061	027	211121J011	056	SST	174,96	174,73	348,20	349,00	0,66		523,82	523,73	800	276,18	276,27
SIH-CP-08	3131100P060	019	211121J011	057	SST	174,60	174,47	352,50	353,07	0,61		527,71	527,54	800	272,29	272,46
SIH-CP-08	3131100P060	037	211121J011	058	SST	172,13	172,27	349,80	350,03	0,63		522,57	522,30	800	277,43	277,70
SIH-CP-08	3131100P061	034	211121J011	065	SST	173,39	173,48	347,90	348,65	0,65		521,94	522,13	800	278,06	277,87
SIH-CP-08	3131100P061	032	211121J011	066	SST	172,85	172,71	352,90	353,36	0,66		526,41	526,07	800	273,59	273,93
SIH-CP-08	3131100P061	009	211121J011	067	SST	171,64	171,49	351,60	352,12	0,64		523,88	523,61	800	276,12	276,39
SIH-CP-08	3131100P061	026	211121J011	068	SST	171,91	171,72	352,40	352,72	0,67		524,97	524,44	800	275,03	275,56
SIH-CP-08	3131100P059	037	211121J011	069	SST	170,79	170,70	349,90	350,40	0,66		521,35	521,10	800	278,65	278,90
SIH-CP-08	3131100P061	033	211121J011	077	SST	171,87	171,71	348,00	348,66	0,64		520,51	520,37	800	279,49	279,63
SIH-CP-08	3131100P061	010	211121J011	078	SST	173,79	173,71	352,70	353,21	0,65		527,15	526,92	800	272,85	273,08
SIH-CP-08	3131100P061	008	211121J011	079	SST	172,45	172,30	352,50	353,03	0,65		525,59	525,33	800	274,41	274,67
SIH-CP-08	3131100P059	016	211121J011	080	SST	168,50	168,49	352,40	352,92	0,65		521,56	521,41	800	278,44	278,59
SIH-CP-08	3131100P059	019	211121J011	081	SST	169,02	168,92	349,70	350,04	0,63		519,35	518,96	800	280,65	281,04
SIH-CP-08	3131100P061	020	211121J011	084	SST	173,46	173,30	351,20	351,73	0,66		525,31	525,03	800	274,69	274,97
SIH-CP-08	3131100P061	021	211121J011	085	SST	174,56	174,44	351,70	352,03	0,67		526,93	526,47	800	273,07	273,53
SIH-CP-08	3131100P061	022	211121J011	086	SST	173,14	173,04	351,30	351,68	0,66		525,10	524,72	800	274,90	275,28
SIH-CP-08	3131100P061	023	211121J011	087	SST	173,73	173,59	351,70	352,02	0,64		526,06	525,61	800	273,94	274,39
SIH-CP-08	3131100P061	024	211121J011	088	SST	171,17	171,01	351,30	351,66	0,65		523,12	522,67	800	276,88	277,33
SIH-CP-08	3131100P061	011	211121J011	089	SST	175,34	175,11	352,70	353,18	0,67		528,71	528,29	800	271,29	271,71
SIH-CP-08	3131100P061	028	211121J011	090	SST	173,99	173,78	352,90	353,31	0,65		527,55	527,09	800	272,45	272,91
SIH-CP-08	3131100P059	034	211121J011	091	SST	170,92	170,89	349,30	349,80	0,63		520,86	520,69	800	279,14	279,31
SIH-CP-08	3131100P059	036	211121J011	092	SST	170,92	170,84	352,80	353,18	0,65		524,37	524,02	800	275,63	275,98
SIH-CP-08	3131100P059	018	211121J011	093	SST	170,50	170,39	348,40	348,61	0,64		519,54	519,00	800	280,46	281,00
SIH-CP-08	3131100P061	001	211121J011	096	SST	173,46	173,36	351,60	352,02	0,66		525,72	525,38	800	274,28	274,62
SIH-CP-08	3131100P061	002	211121J011	097	SST	173,82	173,69	351,30	351,69	0,66		525,77	525,38	800	274,23	274,62
SIH-CP-08	3131100P061	003	211121J011	098	SST	171,24	171,18	346,30	346,87	0,65		518,19	518,05	800	281,81	281,95
SIH-CP-08	3131100P061	004	211121J011	099	SST	173,75	173,62	351,50	351,72	0,65		525,90	525,34	800	274,10	274,66
SIH-CP-08	3131100P061	005	211121J011	100	SST	173,32	173,17	346,90	347,29	0,65		520,88	520,46	800	279,12	279,54

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-08	3131100P061	029	211121J011	101	SST	172,85	172,66	353,10	353,56	0,64		526,59	526,22	800	273,41	273,78
SIH-CP-08	3131100P059	014	211121J011	102	SST	168,97	168,92	352,40	352,93	0,63		522,00	521,85	800	278,00	278,15
SIH-CP-08	3131100P059	015	211121J011	103	SST	168,97	168,92	351,50	351,93	0,64		521,12	520,85	800	278,88	279,15
SIH-CP-08	3131100P059	017	211121J011	104	SST	168,95	168,91	346,10	346,27	0,66		515,71	515,18	800	284,29	284,82
SIH-CP-08	3131100P059	022	211121J011	105	SST	167,14	167,10	348,70	349,08	0,66		516,49	516,18	800	283,51	283,82
SIH-CP-08	3131100P059	023	211121J011	106	SST	168,48	168,42	345,00	345,25	0,63		514,11	513,67	800	285,89	286,33
SIH-CP-08	3131100P059	005	211121J011	107	SST	167,34	167,29	350,10	350,28	0,64		518,07	517,57	800	281,93	282,43
SIH-CP-08	3131100P059	026	211121J011	108	SST	168,91	169,01	349,40	349,68	0,65		518,96	518,69	800	281,04	281,31
SIH-CP-08	3131100P059	008	211121J011	109	SST	169,42	169,34	351,00	351,21	0,64		521,06	520,55	800	278,94	279,45
SIH-CP-08	3131100P059	010	211121J011	110	SST	166,13	166,06	349,70	349,90	0,64		516,47	515,96	800	283,53	284,04
SIH-CP-08	3131100P059	032	211121J011	112	SST	168,35	168,21	351,30	351,48	0,65		520,29	519,69	800	279,71	280,31
SIH-CP-08	3131100P059	033	211121J011	113	SST	170,99	170,88	350,70	351,04	0,64		522,33	521,92	800	277,67	278,08
SIH-CP-08	3131100P059	035	211121J011	114	SST	167,34	167,23	346,30	346,28	0,64		514,28	513,51	800	285,72	286,49
SIH-CP-08	3131100P059	004	211121J011	115	SST	169,51	169,45	350,00	350,19	0,64		520,15	519,64	800	279,85	280,36
SIH-CP-08	3131100P059	025	211121J011	116	SST	170,09	169,98	343,40	343,45	0,63		514,13	513,43	800	285,87	286,57
SIH-CP-08	3131100P059	007	211121J011	117	SST	167,67	167,56	342,80	342,87	0,65		511,12	510,43	800	288,88	289,57
SIH-CP-08	3131100P059	028	211121J011	118	SST	168,03	167,87	348,00	348,10	0,64		516,67	515,97	800	283,33	284,03
SIH-CP-08	3131100P059	029	211121J011	119	SST	167,83	167,65	349,20	349,29	0,64		517,67	516,94	800	282,33	283,06
SIH-CP-08	3131100P059	012	211121J011	120	SST	168,70	168,52	352,90	353,13	0,65		522,26	521,65	800	277,74	278,35
SIH-CP-08	3131100P059	013	211121J011	121	SST	168,68	168,53	352,80	353,00	0,63		522,11	521,53	800	277,89	278,47
SIH-CP-08	3131100P059	024	211121J011	122	SST	167,54	167,44	347,20	347,54	0,63		515,37	514,98	800	284,63	285,02
SIH-CP-08	3131100P059	006	211121J011	123	SST	167,47	167,36	348,80	348,96	0,66		516,93	516,32	800	283,07	283,68
SIH-CP-08	3131100P059	027	211121J011	124	SST	167,23	167,05	347,10	347,18	0,65		514,98	514,23	800	285,02	285,77
SIH-CP-08	3131100P059	009	211121J011	125	SST	167,76	167,58	346,80	346,78	0,64		515,20	514,36	800	284,80	285,64
SIH-CP-08	3131100P059	011	211121J011	126	SST	169,49	169,45	346,40	346,51	0,64		516,53	515,96	800	283,47	284,04
SIH-CP-08	3131100P059	030	211121J011	127	SST	168,95	168,79	354,50	354,71	0,63		524,08	523,50	800	275,92	276,50
SIH-CP-08	3131100P059	031	211121J011	128	SST	169,65	169,50	352,20	352,40	0,66		522,50	521,90	800	277,50	278,10
SIH-CP-09	3131100P063	006	211121J012	001	SST	156,69	156,77	343,70	344,52	0,66		501,05	501,29	800	298,95	298,71
SIH-CP-09	3131100P063	025	211121J012	002	SST	156,49	156,68	344,50	345,14	0,66		501,64	501,82	800	298,36	298,18
SIH-CP-09	3131100P063	007	211121J012	003	SST	156,40	156,54	344,70	345,39	0,66		501,76	501,93	800	298,24	298,07
SIH-CP-09	3131100P063	014	211121J012	005	BRASS	1,88	2,06	4,34	4,36	0,25		6,47	6,42	80	73,53	73,58

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-09	3131100P063	015	211121J012	006	BRASS	1,88	2,00	4,31	4,25	0,66		6,85	6,25	80	73,15	73,75
SIH-CP-09	3131100P063	001	211121J012	008	SST	156,33	156,49	342,20	343,07	0,66		499,19	499,56	800	300,81	300,44
SIH-CP-09	3131100P063	020	211121J012	009	SST	156,00	156,12	347,10	347,75	0,66		503,75	503,87	800	296,25	296,13
SIH-CP-09	3131100P063	002	211121J012	010	SST	156,53	156,68	346,50	347,16	0,66		503,70	503,84	800	296,30	296,16
SIH-CP-09	3131100P063	021	211121J012	011	SST	154,32	154,41	346,70	347,38	0,66		501,68	501,79	800	298,32	298,21
SIH-CP-09	3131100P063	026	211121J012	012	SST	157,41	157,52	348,40	349,17	0,66		506,47	506,69	800	293,53	293,31
SIH-CP-09	3131100P063	008	211121J012	013	SST	154,25	154,33	347,90	348,48	0,66		502,81	502,81	800	297,19	297,19
SIH-CP-09	3131100P063	027	211121J012	014	SST	156,60	156,68	343,10	343,82	0,66		500,37	500,50	800	299,63	299,50
SIH-CP-09	3131100P063	009	211121J012	015	SST	156,35	156,45	347,80	348,29	0,66		504,81	504,74	800	295,19	295,26
SIH-CP-09	3131100P063	003	211121J012	017	SST	156,20	156,61	346,30	347,05	0,66		503,16	503,66	800	296,85	296,34
SIH-CP-09	3131100P063	022	211121J012	018	SST	155,73	155,92	346,40	347,09	0,66		502,79	503,01	800	297,21	296,99
SIH-CP-09	3131100P063	004	211121J012	019	SST	156,53	156,79	346,80	347,38	0,66		503,99	504,17	800	296,01	295,83
SIH-CP-09	3131100P063	023	211121J012	020	SST	157,03	157,21	346,20	346,86	0,65		503,88	504,07	800	296,12	295,93
SIH-CP-09	3131100P063	028	211121J012	021	SST	157,68	157,72	347,90	348,47	0,65		506,23	506,19	800	293,77	293,81
SIH-CP-09	3131100P063	010	211121J012	022	SST	157,61	157,77	348,30	348,94	0,65		506,56	506,71	800	293,44	293,29
SIH-CP-09	3131100P063	029	211121J012	023	SST	154,45	154,40	342,10	342,68	0,66		497,21	497,08	800	302,79	302,92
SIH-CP-09	3131100P063	011	211121J012	024	SST	155,73	155,82	343,30	343,90	0,66		499,69	499,72	800	300,31	300,28
SIH-CP-09	3131100P063	005	211121J012	029	SST	156,47	156,69	347,10	347,66	0,66		504,23	504,35	800	295,77	295,65
SIH-CP-09	3131100P063	024	211121J012	030	SST	154,18	154,29	341,60	342,40	0,66		496,44	496,69	800	303,56	303,31
SIH-CP-09	3131100P063	030	211121J012	031	SST	154,99	155,02	343,20	343,99	0,66		498,85	499,01	800	301,15	300,99
SIH-CP-09	3131100P063	012	211121J012	032	SST	154,27	154,34	349,10	349,62	0,66		504,03	503,96	800	295,97	296,04
SIH-CP-09	3131100P063	031	211121J012	033	SST	157,34	157,39	343,80	344,45	0,66		501,81	501,84	800	298,19	298,16
SIH-CP-09	3131100P063	013	211121J012	034	SST	156,38	156,48	349,10	349,61	0,66		506,14	506,09	800	293,87	293,91
SIH-CP-09	3131100P063	035	211121J012	041	SST	156,20	156,26	343,50	344,16	0,66		500,36	500,42	800	299,64	299,58
SIH-CP-09	3131100P063	032	211121J012	042	SST	156,38	156,51	343,80	344,47	0,66		500,84	500,98	800	299,16	299,02
SIH-CP-09	3131100P063	033	211121J012	043	SST	155,66	155,70	348,70	349,19	0,66		505,02	504,89	800	294,98	295,11
SIH-CP-09	3131100P063	034	211121J012	044	SST	155,46	155,54	348,30	348,62	0,66		504,42	504,16	800	295,58	295,84
SIH-CP-09	3131100P063	016	211121J012	045	SST	157,41	157,42	348,00	348,26	0,66		506,07	505,68	800	293,93	294,32
SIH-CP-09	3131100P062	008	211121J012	059	SST	158,01	158,18	343,80	344,43	0,63		502,44	502,61	800	297,56	297,39
SIH-CP-09	3131100P062	009	211121J012	060	SST	160,30	160,45	344,20	344,63	0,63		505,13	505,08	800	294,87	294,92
SIH-CP-09	3131100P062	010	211121J012	061	SST	161,17	161,27	346,90	347,51	0,63		508,70	508,78	800	291,30	291,22
SIH-CP-09	3131100P062	011	211121J012	062	SST	158,96	159,05	342,40	342,82	0,63		501,99	501,87	800	298,01	298,13

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-09	3131100P062	016	211121J012	063	SST	160,30	160,36	343,80	344,42	0,64		504,74	504,78	800	295,26	295,22
SIH-CP-09	3131100P062	017	211121J012	064	SST	162,12	162,13	345,50	345,85	0,64		508,25	507,98	800	291,75	292,02
SIH-CP-09	3131100P062	018	211121J012	065	SST	158,69	158,71	342,30	342,58	0,64		501,62	501,29	800	298,38	298,71
SIH-CP-09	3131100P062	019	211121J012	066	SST	162,32	162,40	345,90	346,22	0,63		508,85	508,62	800	291,15	291,38
SIH-CP-09	3131100P062	026	211121J012	069	SST	158,75	159,06	346,90	347,29	0,64		506,29	506,35	800	293,71	293,65
SIH-CP-09	3131100P062	027	211121J012	070	SST	158,48	158,63	344,90	345,25	0,63		504,02	503,88	800	295,98	296,12
SIH-CP-09	3131100P062	028	211121J012	071	SST	159,02	159,10	346,20	346,58	0,63		505,85	505,68	800	294,15	294,32
SIH-CP-09	3131100P062	029	211121J012	072	SST	159,81	159,84	347,40	347,73	0,63		507,84	507,57	800	292,16	292,43
SIH-CP-09	3131100P062	034	211121J012	073	SST	159,69	159,80	345,00	345,53	0,63		505,33	505,33	800	294,67	294,67
SIH-CP-09	3131100P062	035	211121J012	074	SST	160,37	160,38	346,80	347,11	0,63		507,80	507,49	800	292,20	292,51
SIH-CP-09	3131100P062	036	211121J012	075	SST	160,43	160,44	346,40	346,66	0,64		507,48	507,10	800	292,52	292,90
SIH-CP-09	3131100P062	037	211121J012	076	SST	160,14	160,26	347,30	347,67	0,64		508,08	507,93	800	291,92	292,07
SIH-CP-09	3131100P062	004	211121J012	078	SST	160,97	161,03	347,00	347,47	0,64		508,61	508,50	800	291,39	291,50
SIH-CP-09	3131100P062	005	211121J012	079	SST	159,16	159,32	340,40	340,75	0,64		500,19	500,07	800	299,81	299,93
SIH-CP-09	3131100P062	006	211121J012	080	SST	160,77	160,88	343,70	344,17	0,64		505,11	505,05	800	294,89	294,95
SIH-CP-09	3131100P062	007	211121J012	081	SST	157,81	157,81	345,30	345,25	0,63		503,74	503,06	800	296,26	296,94
SIH-CP-09	3131100P062	012	211121J012	082	SST	160,01	160,12	344,20	344,62	0,63		504,84	504,74	800	295,16	295,26
SIH-CP-09	3131100P062	013	211121J012	083	SST	159,94	160,00	343,10	343,46	0,63		503,67	503,46	800	296,33	296,54
SIH-CP-09	3131100P062	014	211121J012	084	SST	162,18	162,21	342,80	343,18	0,63		505,61	505,39	800	294,39	294,61
SIH-CP-09	3131100P062	015	211121J012	085	SST	160,84	160,90	340,30	340,64	0,63		501,77	501,54	800	298,23	298,46
SIH-CP-09	3131100P062	022	211121J012	086	SST	159,27	159,41	348,40	348,71	0,64		508,31	508,12	800	291,69	291,88
SIH-CP-09	3131100P062	023	211121J012	087	SST	158,42	158,68	340,30	340,48	0,63		499,35	499,16	800	300,65	300,84
SIH-CP-09	3131100P062	024	211121J012	088	SST	160,97	161,03	344,50	344,77	0,63		506,10	505,80	800	293,90	294,20
SIH-CP-09	3131100P062	025	211121J012	089	SST	159,34	159,30	346,90	347,11	0,63		506,87	506,41	800	293,13	293,59
SIH-CP-09	3131100P062	030	211121J012	090	SST	160,17	160,19	345,90	346,27	0,63		506,70	506,46	800	293,30	293,54
SIH-CP-09	3131100P062	031	211121J012	091	SST	161,98	162,07	343,30	343,69	0,63		505,91	505,76	800	294,09	294,24
SIH-CP-09	3131100P062	032	211121J012	092	SST	161,85	161,89	345,50	345,78	0,63		507,98	507,67	800	292,02	292,33
SIH-CP-09	3131100P062	033	211121J012	093	SST	160,10	160,13	340,20	340,33	0,63		500,93	500,46	800	299,07	299,54
SIH-CP-10	3131100P065	006	211121J013	001	SST	150,03	150,12	338,20	339,01	0,67		488,91	489,13	800	311,09	310,87
SIH-CP-10	3131100P065	025	211121J013	002	SST	149,81	149,94	338,60	339,40	0,67		489,08	489,34	800	310,92	310,66
SIH-CP-10	3131100P065	007	211121J013	003	SST	150,15	150,31	339,30	339,90	0,68		490,12	490,21	800	309,88	309,79

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-10	3131100P065	014	211121J013	005	BRASS	1,82	1,98	4,24	4,27	0,67		6,73	6,25	80	73,27	73,75
SIH-CP-10	3131100P065	015	211121J013	006	BRASS	1,82	1,94	4,24	4,19	0,67		6,72	6,13	80	73,28	73,87
SIH-CP-10	3131100P065	001	211121J013	008	SST	150,55	150,64	340,80	341,49	0,68		492,03	492,13	800	307,97	307,87
SIH-CP-10	3131100P065	020	211121J013	009	SST	150,89	151,02	340,40	341,11	0,67		491,96	492,13	800	308,04	307,87
SIH-CP-10	3131100P065	002	211121J013	010	SST	150,48	150,61	335,90	336,96	0,68		487,06	487,57	800	312,94	312,43
SIH-CP-10	3131100P065	021	211121J013	011	SST	151,22	151,39	340,90	341,46	0,67		492,80	492,85	800	307,20	307,15
SIH-CP-10	3131100P065	026	211121J013	012	SST	152,63	152,74	342,20	342,92	0,67		495,51	495,66	800	304,49	304,34
SIH-CP-10	3131100P065	008	211121J013	013	SST	151,49	151,62	343,10	343,59	0,67		495,26	495,21	800	304,74	304,79
SIH-CP-10	3131100P065	027	211121J013	014	SST	152,63	152,69	342,90	343,40	0,68		496,21	496,09	800	303,79	303,91
SIH-CP-10	3131100P065	009	211121J013	015	SST	151,76	151,88	338,10	339,06	0,67		490,53	490,94	800	309,47	309,06
SIH-CP-10	3131100P065	003	211121J013	017	SST	148,94	149,14	336,10	337,01	0,66		485,70	486,15	800	314,30	313,85
SIH-CP-10	3131100P065	022	211121J013	018	SST	148,87	149,03	340,40	340,89	0,68		489,95	489,92	800	310,05	310,08
SIH-CP-10	3131100P065	004	211121J013	019	SST	150,60	150,73	340,70	341,20	0,66		491,96	491,93	800	308,04	308,07
SIH-CP-10	3131100P065	023	211121J013	020	SST	151,02	151,12	340,40	340,86	0,67		492,09	491,98	800	307,91	308,02
SIH-CP-10	3131100P065	028	211121J013	021	SST	152,79	152,89	342,70	343,22	0,67		496,16	496,11	800	303,84	303,89
SIH-CP-10	3131100P065	010	211121J013	022	SST	151,02	151,21	338,40	339,41	0,66		490,08	490,62	800	309,92	309,38
SIH-CP-10	3131100P065	029	211121J013	023	SST	149,68	149,80	337,30	338,16	0,67		487,65	487,96	800	312,35	312,04
SIH-CP-10	3131100P065	011	211121J013	024	SST	152,84	152,90	337,80	338,65	0,68		491,32	491,55	800	308,68	308,45
SIH-CP-10	3131100P065	005	211121J013	029	SST	151,56	151,67	340,80	341,38	0,67		493,03	493,05	800	306,97	306,95
SIH-CP-10	3131100P065	024	211121J013	030	SST	151,09	151,20	340,80	341,48	0,67		492,56	492,68	800	307,44	307,32
SIH-CP-10	3131100P065	030	211121J013	031	SST	152,77	152,87	338,40	339,34	0,67		491,84	492,21	800	308,16	307,79
SIH-CP-10	3131100P065	012	211121J013	032	SST	151,16	151,27	343,60	344,09	0,68		495,43	495,36	800	304,57	304,64
SIH-CP-10	3131100P065	031	211121J013	033	SST	149,68	149,85	343,80	344,26	0,68		494,16	494,11	800	305,84	305,89
SIH-CP-10	3131100P065	013	211121J013	034	SST	151,42	151,54	338,20	339,20	0,67		490,30	490,74	800	309,70	309,26
SIH-CP-10	3131100P065	035	211121J013	041	SST	152,03	152,16	343,30	343,68	0,67		496,00	495,84	800	304,00	304,16
SIH-CP-10	3131100P065	032	211121J013	042	SST	151,76	151,83	343,40	343,85	0,68		495,84	495,68	800	304,16	304,32
SIH-CP-10	3131100P065	033	211121J013	043	SST	150,48	150,64	338,80	339,65	0,67		489,95	490,29	800	310,05	309,71
SIH-CP-10	3131100P065	034	211121J013	044	SST	152,61	152,78	343,60	343,96	0,67		496,89	496,74	800	303,11	303,26
SIH-CP-10	3131100P065	016	211121J013	045	SST	150,01	150,11	343,70	344,06	0,68		494,39	494,17	800	305,61	305,83
SIH-CP-10	3131100P064	008	211121J013	059	SST	147,59	147,71	339,80	340,50	0,64		488,03	488,21	800	311,97	311,79
SIH-CP-10	3131100P064	009	211121J013	060	SST	144,83	145,03	333,10	333,73	0,64		478,57	478,76	800	321,43	321,24
SIH-CP-10	3131100P064	010	211121J013	061	SST	145,98	146,13	339,20	339,83	0,64		485,82	485,96	800	314,18	314,04

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-10	3131100P064	011	211121J013	062	SST	145,51	145,61	339,30	339,76	0,64		485,45	485,37	800	314,55	314,63
SIH-CP-10	3131100P064	016	211121J013	063	SST	148,47	148,59	339,40	340,01	0,65		488,52	488,60	800	311,48	311,40
SIH-CP-10	3131100P064	017	211121J013	064	SST	146,85	146,92	335,00	335,50	0,65		482,50	482,42	800	317,50	317,58
SIH-CP-10	3131100P064	018	211121J013	065	SST	146,38	146,40	341,10	341,63	0,64		488,13	488,03	800	311,87	311,97
SIH-CP-10	3131100P064	019	211121J013	066	SST	147,26	147,35	338,00	338,51	0,64		485,90	485,86	800	314,10	314,14
SIH-CP-10	3131100P064	026	211121J013	069	SST	145,71	145,73	335,20	335,79	0,65		481,56	481,52	800	318,44	318,48
SIH-CP-10	3131100P064	027	211121J013	070	SST	144,97	145,30	333,70	334,08	0,65		479,32	479,38	800	320,68	320,62
SIH-CP-10	3131100P064	028	211121J013	071	SST	144,90	144,95	336,30	336,87	0,64		481,84	481,82	800	318,16	318,18
SIH-CP-10	3131100P064	029	211121J013	072	SST	144,03	144,03	340,20	340,67	0,64		484,86	484,70	800	315,14	315,30
SIH-CP-10	3131100P064	034	211121J013	073	SST	148,33	148,35	341,40	341,89	0,64		490,37	490,24	800	309,63	309,76
SIH-CP-10	3131100P064	035	211121J013	074	SST	148,38	148,44	334,70	335,31	0,64		483,72	483,75	800	316,28	316,25
SIH-CP-10	3131100P064	036	211121J013	075	SST	146,74	146,83	342,20	342,60	0,65		489,59	489,43	800	310,41	310,57
SIH-CP-10	3131100P064	037	211121J013	076	SST	146,56	146,61	341,50	341,99	0,65		488,71	488,60	800	311,29	311,40
SIH-CP-10	3131100P064	004	211121J013	078	SST	145,37	145,46	337,90	338,39	0,65		483,92	483,85	800	316,08	316,15
SIH-CP-10	3131100P064	005	211121J013	079	SST	146,99	147,16	337,60	338,19	0,65		485,23	485,35	800	314,77	314,65
SIH-CP-10	3131100P064	006	211121J013	080	SST	146,99	147,04	337,20	337,49	0,65		484,83	484,53	800	315,17	315,47
SIH-CP-10	3131100P064	007	211121J013	081	SST	144,90	144,93	340,70	341,12	0,65		486,25	486,05	800	313,75	313,95
SIH-CP-10	3131100P064	012	211121J013	082	SST	148,33	148,37	341,70	342,19	0,65		490,68	490,56	800	309,32	309,44
SIH-CP-10	3131100P064	013	211121J013	083	SST	148,53	148,66	338,70	339,11	0,64		487,87	487,77	800	312,13	312,23
SIH-CP-10	3131100P064	014	211121J013	084	SST	145,22	145,30	340,40	340,88	0,64		486,26	486,18	800	313,74	313,82
SIH-CP-10	3131100P064	015	211121J013	085	SST	146,31	146,34	342,10	342,49	0,64		489,06	488,83	800	310,94	311,17
SIH-CP-10	3131100P064	022	211121J013	086	SST	145,64	145,75	339,70	340,05	0,65		485,99	485,80	800	314,01	314,20
SIH-CP-10	3131100P064	023	211121J013	087	SST	145,37	145,45	338,80	339,39	0,64		484,81	484,84	800	315,19	315,16
SIH-CP-10	3131100P064	024	211121J013	088	SST	147,32	147,30	337,30	337,62	0,64		485,26	484,92	800	314,74	315,08
SIH-CP-10	3131100P064	025	211121J013	089	SST	147,12	147,13	340,20	340,43	0,64		487,96	487,56	800	312,04	312,44
SIH-CP-10	3131100P064	030	211121J013	090	SST	146,23	146,26	340,40	340,91	0,64		487,27	487,17	800	312,73	312,83
SIH-CP-10	3131100P064	031	211121J013	091	SST	146,90	146,92	338,60	339,02	0,65		486,15	485,94	800	313,85	314,06
SIH-CP-10	3131100P064	032	211121J013	092	SST	146,92	147,04	339,30	339,80	0,65		486,87	486,84	800	313,13	313,16
SIH-CP-10	3131100P064	033	211121J013	093	SST	146,72	146,81	337,40	337,63	0,64		484,76	484,44	800	315,24	315,56
SIH-CP-11	3131100P066	006	211121J014	004	SST	142,08	142,25	386,00	387,23	0,64		528,72	529,48	800	271,28	270,52
SIH-CP-11	3131100P066	007	211121J014	005	SST	142,03	142,19	384,60	385,74	0,65		527,28	527,93	800	272,72	272,07

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-11	3131100P066	025	211121J014	006	SST	142,28	142,46	385,90	386,86	0,64		528,82	529,32	800	271,18	270,68
SIH-CP-11	3131100P066	026	211121J014	007	SST	142,41	142,89	386,00	386,94	0,64		529,06	529,83	800	270,94	270,17
SIH-CP-11	3131100P066	002	211121J014	010	SST	141,25	141,55	387,30	388,40	0,65		529,20	529,95	800	270,80	270,05
SIH-CP-11	3131100P066	021	211121J014	011	SST	141,41	141,64	386,40	387,36	0,64		528,45	529,00	800	271,55	271,00
SIH-CP-11	3131100P066	010	211121J014	014	BRASS	1,82	1,88	5,07	5,01	0,65		7,54	6,89	8	0,46	1,11
SIH-CP-11	3131100P066	028	211121J014	015	BRASS	1,75	1,83	5,00	4,92	0,65		7,40	6,75	8	0,60	1,25
SIH-CP-11	3131100P066	001	211121J014	018	SST	141,00	141,19	387,30	388,56	0,64		528,95	529,75	800	271,05	270,25
SIH-CP-11	3131100P066	020	211121J014	019	SST	141,67	141,84	387,50	388,44	0,64		529,82	530,28	800	270,18	269,72
SIH-CP-11	3131100P066	005	211121J014	020	SST	142,28	142,46	384,70	385,89	0,64		527,62	528,35	800	272,38	271,65
SIH-CP-11	3131100P066	023	211121J014	021	SST	141,41	141,58	386,70	387,76	0,64		528,74	529,34	800	271,26	270,66
SIH-CP-11	3131100P066	009	211121J014	023	BRASS	1,75	1,86	5,04	4,99	0,65		7,44	6,85	8	0,56	1,15
SIH-CP-11	3131100P066	027	211121J014	024	BRASS	1,82	1,85	5,02	4,94	0,64		7,47	6,79	8	0,53	1,21
SIH-CP-11	3131100P066	004	211121J014	029	SST	141,81	142,09	386,20	387,73	0,64		528,65	529,82	800	271,35	270,18
SIH-CP-11	3131100P066	022	211121J014	030	SST	141,54	141,80	386,40	387,52	0,65		528,59	529,32	800	271,41	270,68
SIH-CP-11	3131100P068	002	211121J014	031	SST	143,22	143,43	386,70	387,63	0,64		530,56	531,06	800	269,44	268,94
SIH-CP-11	3131100P068	021	211121J014	032	SST	143,36	143,63	386,70	387,63	0,65		530,70	531,26	800	269,30	268,74
SIH-CP-11	3131100P068	012	211121J014	039	SST	141,52	141,70	386,80	387,78	0,64		528,96	529,48	800	271,04	270,52
SIH-CP-11	3131100P068	031	211121J014	040	SST	141,79	141,97	388,20	389,13	0,64		530,63	531,10	800	269,37	268,90
SIH-CP-11	3131100P068	001	211121J014	041	SST	142,68	142,93	384,90	385,87	0,65		528,23	528,80	800	271,77	271,20
SIH-CP-11	3131100P068	020	211121J014	042	SST	143,36	143,48	386,20	387,18	0,65		530,20	530,66	800	269,80	269,34
SIH-CP-11	3131100P068	011	211121J014	049	SST	141,83	141,96	388,30	389,35	0,64		530,77	531,31	800	269,23	268,69
SIH-CP-11	3131100P068	030	211121J014	050	SST	142,21	142,34	388,00	388,97	0,64		530,85	531,31	800	269,15	268,69
SIH-CP-11	3131100P068	036	211121J014	052	BRASS	1,82	1,87	4,84	4,85	0,64		7,30	6,72	8	0,70	1,28
SIH-CP-11	3131100P068	037	211121J014	053	BRASS	1,75	1,88	4,85	4,86	0,64		7,24	6,74	8	0,76	1,26
SIH-CP-11	3131100P068	018	211121J014	054	BRASS	1,75	1,90	4,85	4,88	0,64		7,25	6,78	8	0,75	1,22
SIH-CP-11	3131100P068	019	211121J014	055	BRASS	1,75	1,90	4,88	4,89	0,64		7,27	6,79	8	0,73	1,21
SIH-CP-11	3131100P068	010	211121J014	060	SST	142,19	142,47	387,60	388,65	0,64		530,44	531,12	800	269,56	268,88
SIH-CP-11	3131100P068	028	211121J014	061	SST	142,75	142,97	386,40	387,30	0,64		529,79	530,27	800	270,21	269,73
SIH-CP-11	3131100P068	033	211121J014	063	BRASS	1,82	1,85	4,85	4,78	0,64		7,31	6,63	8	0,69	1,37
SIH-CP-11	3131100P068	015	211121J014	064	BRASS	1,75	1,83	4,86	4,79	0,65		7,25	6,62	8	0,75	1,38
SIH-CP-11	3131100P068	035	211121J014	065	BRASS	1,75	1,82	4,86	4,78	0,65		7,26	6,60	8	0,74	1,40
SIH-CP-11	3131100P068	017	211121J014	066	BRASS	1,75	1,83	4,85	4,78	0,64		7,24	6,61	8	0,76	1,39

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-11	3131100P068	009	211121J014	070	SST	142,01	142,13	387,40	388,32	0,65		530,06	530,45	800	269,94	269,55
SIH-CP-11	3131100P068	027	211121J014	071	SST	142,35	142,55	387,80	388,78	0,64		530,79	531,33	800	269,21	268,67
SIH-CP-11	3131100P068	032	211121J014	073	BRASS	1,82	1,86	4,89	4,78	0,65		7,35	6,64	8	0,65	1,36
SIH-CP-11	3131100P068	014	211121J014	074	BRASS	1,75	1,82	4,87	4,79	0,65		7,26	6,61	8	0,74	1,39
SIH-CP-11	3131100P068	034	211121J014	075	BRASS	1,75	1,83	4,87	4,77	0,65		7,27	6,60	8	0,73	1,40
SIH-CP-11	3131100P068	016	211121J014	076	BRASS	1,75	1,87	4,90	4,85	0,65		7,29	6,72	8	0,71	1,28
SIH-CP-11	3131100P068	007	211121J014	080	SST	142,48	142,79	385,10	386,21	0,65		528,23	529,00	800	271,77	271,00
SIH-CP-11	3131100P068	026	211121J014	081	SST	142,16	142,39	386,80	387,85	0,65		529,61	530,24	800	270,39	269,76
SIH-CP-11	3131100P068	005	211121J014	082	SST	143,36	143,60	386,70	387,78	0,64		530,70	531,38	800	269,30	268,62
SIH-CP-11	3131100P068	023	211121J014	083	SST	142,82	143,00	386,70	387,69	0,65		530,16	530,69	800	269,84	269,31
SIH-CP-11	3131100P068	006	211121J014	088	SST	142,88	143,03	386,70	387,40	0,65		530,23	530,43	800	269,77	269,57
SIH-CP-11	3131100P068	025	211121J014	089	SST	142,35	142,52	387,10	388,01	0,65		530,09	530,53	800	269,91	269,47
SIH-CP-11	3131100P068	004	211121J014	090	SST	143,22	143,38	386,90	387,79	0,65		530,77	531,17	800	269,23	268,83
SIH-CP-11	3131100P068	022	211121J014	091	SST	143,09	143,24	385,60	386,55	0,64		529,33	529,79	800	270,67	270,21
SIH-CP-12	3131100P067	006	211121J015	004	SST	151,16	151,49	403,70	405,23	0,64		555,50	556,72	800	244,50	243,28
SIH-CP-12	3131100P067	007	211121J015	005	SST	151,27	151,70	402,80	404,01	0,65		554,72	555,71	800	245,28	244,29
SIH-CP-12	3131100P067	025	211121J015	006	SST	152,05	152,03	404,00	405,31	0,64		556,69	557,34	800	243,31	242,66
SIH-CP-12	3131100P067	026	211121J015	007	SST	152,50	152,47	404,10	405,33	0,64		557,24	557,80	800	242,76	242,20
SIH-CP-12	3131100P067	002	211121J015	010	SST	151,02	151,01	402,80	404,19	0,65		554,47	555,20	800	245,53	244,80
SIH-CP-12	3131100P067	021	211121J015	011	SST	150,28	150,30	404,60	405,97	0,65		555,53	556,27	800	244,47	243,73
SIH-CP-12	3131100P067	010	211121J015	014	BRASS	1,88	1,99	5,22	5,17	0,65		7,75	7,16	8	0,25	0,84
SIH-CP-12	3131100P067	028	211121J015	015	BRASS	1,88	1,95	5,33	5,23	0,65		7,86	7,18	8	0,14	0,82
SIH-CP-12	3131100P067	001	211121J015	018	SST	150,89	150,81	404,60	405,84	0,65		556,14	556,65	800	243,86	243,35
SIH-CP-12	3131100P067	020	211121J015	019	SST	150,48	150,42	404,70	406,01	0,64		555,83	556,43	800	244,17	243,57
SIH-CP-12	3131100P067	005	211121J015	020	SST	151,56	151,58	405,40	406,81	0,64		557,60	558,39	800	242,40	241,61
SIH-CP-12	3131100P067	023	211121J015	021	SST	151,09	151,10	403,00	404,37	0,64		554,73	555,47	800	245,27	244,53
SIH-CP-12	3131100P067	009	211121J015	023	BRASS	1,88	2,00	5,30	5,21	0,65		7,83	7,21	8	0,17	0,79
SIH-CP-12	3131100P067	027	211121J015	024	BRASS	1,88	1,98	5,34	5,23	0,65		7,87	7,21	8	0,13	0,79
SIH-CP-12	3131100P067	004	211121J015	029	SST	151,27	151,38	404,90	406,36	0,64		556,81	557,74	800	243,19	242,26
SIH-CP-12	3131100P067	022	211121J015	030	SST	151,02	151,04	404,70	406,04	0,65		556,37	557,08	800	243,63	242,92
SIH-CP-12	3131100P069	002	211121J015	031	SST	152,55	152,67	404,30	405,68	0,64		557,49	558,35	800	242,51	241,65

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-12	3131100P069	021	211121J015	032	SST	152,30	152,36	411,90	405,70	0,64		564,84	558,06	800	235,16	241,94
SIH-CP-12	3131100P069	012	211121J015	039	SST	152,14	152,57	404,10	405,35	0,65		556,89	557,92	800	243,11	242,08
SIH-CP-12	3131100P069	031	211121J015	040	SST	152,70	152,73	406,10	407,33	0,64		559,45	560,06	800	240,55	239,94
SIH-CP-12	3131100P069	001	211121J015	041	SST	152,03	152,15	404,40	405,70	0,64		557,07	557,85	800	242,93	242,15
SIH-CP-12	3131100P069	020	211121J015	042	SST	151,98	151,96	402,60	403,84	0,65		555,23	555,80	800	244,77	244,20
SIH-CP-12	3131100P069	011	211121J015	049	SST	152,16	152,20	406,80	407,83	0,65		559,61	560,03	800	240,39	239,97
SIH-CP-12	3131100P069	030	211121J015	050	SST	152,97	152,92	406,20	407,27	0,64		559,81	560,19	800	240,19	239,81
SIH-CP-12	3131100P069	036	211121J015	052	BRASS	1,88	2,00	5,08	5,09	0,64		7,60	7,09	8	0,40	0,91
SIH-CP-12	3131100P069	037	211121J015	053	BRASS	1,88	2,00	5,11	5,10	0,65		7,64	7,10	8	0,36	0,90
SIH-CP-12	3131100P069	018	211121J015	054	BRASS	1,88	2,02	5,08	5,11	0,65		7,61	7,13	8	0,39	0,87
SIH-CP-12	3131100P069	019	211121J015	055	BRASS	1,88	2,01	5,07	5,12	0,65		7,60	7,13	8	0,40	0,87
SIH-CP-12	3131100P069	010	211121J015	060	SST	151,61	151,73	405,50	406,80	0,65		557,75	558,53	800	242,25	241,47
SIH-CP-12	3131100P069	028	211121J015	061	SST	152,32	152,28	405,40	406,54	0,64		558,36	558,82	800	241,64	241,18
SIH-CP-12	3131100P069	033	211121J015	063	BRASS	1,88	1,98	5,08	5,02	0,64		7,61	7,00	8	0,39	1,00
SIH-CP-12	3131100P069	015	211121J015	064	BRASS	1,88	1,96	5,14	5,02	0,65		7,67	6,98	8	0,33	1,02
SIH-CP-12	3131100P069	035	211121J015	065	BRASS	1,88	1,96	5,11	5,02	0,65		7,65	6,98	8	0,35	1,02
SIH-CP-12	3131100P069	017	211121J015	066	BRASS	1,88	1,96	5,07	5,01	0,65		7,60	6,97	8	0,40	1,03
SIH-CP-12	3131100P069	009	211121J015	070	SST	151,69	151,64	405,60	406,80	0,65		557,95	558,44	800	242,05	241,56
SIH-CP-12	3131100P069	027	211121J015	071	SST	152,03	151,98	403,80	404,92	0,65		556,48	556,90	800	243,52	243,10
SIH-CP-12	3131100P069	032	211121J015	073	BRASS	1,88	1,98	5,11	5,02	0,65		7,64	7,00	8	0,36	1,00
SIH-CP-12	3131100P069	014	211121J015	074	BRASS	1,95	1,97	5,13	5,02	0,65		7,72	6,99	8	0,28	1,01
SIH-CP-12	3131100P069	034	211121J015	075	BRASS	1,88	1,96	5,13	5,01	0,65		7,67	6,97	8	0,33	1,03
SIH-CP-12	3131100P069	016	211121J015	076	BRASS	1,88	1,99	5,08	5,08	0,65		7,61	7,07	8	0,39	0,93
SIH-CP-12	3131100P069	007	211121J015	080	SST	151,74	151,79	404,80	406,15	0,65		557,19	557,94	800	242,81	242,06
SIH-CP-12	3131100P069	026	211121J015	081	SST	152,30	152,27	403,20	404,22	0,65		556,15	556,49	800	243,85	243,51
SIH-CP-12	3131100P069	005	211121J015	082	SST	153,24	153,27	405,00	406,07	0,65		558,89	559,34	800	241,11	240,66
SIH-CP-12	3131100P069	023	211121J015	083	SST	152,70	152,69	404,50	405,52	0,65		557,85	558,21	800	242,15	241,79
SIH-CP-12	3131100P069	006	211121J015	088	SST	151,76	151,92	404,80	405,94	0,65		557,21	557,86	800	242,79	242,14
SIH-CP-12	3131100P069	025	211121J015	089	SST	152,48	152,41	405,10	406,07	0,65		558,23	558,48	800	241,77	241,52
SIH-CP-12	3131100P069	004	211121J015	090	SST	152,68	153,06	404,70	405,72	0,65		558,03	558,78	800	241,97	241,22
SIH-CP-12	3131100P069	022	211121J015	091	SST	152,77	152,81	402,90	403,81	0,64		556,31	556,62	800	243,69	243,38

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-13	3131100P009	008	211121J007	001	SST	264,25	264,17	248,50	245,75	0,63		513,38	509,92	1000	486,62	490,08
SIH-CP-13	3131100P009	009	211121J007	002	SST	264,66	264,62	247,30	245,51	0,63		512,59	510,13	1000	487,41	489,87
SIH-CP-13	3131100P009	005	211121J007	003	SST	264,62	264,58	247,80	245,79	0,64		513,06	510,37	1000	486,94	489,63
SIH-CP-13	3131100P003	013	211121J007	004	SST	311,30	311,12	243,90	243,66	0,59		555,79	554,78	800	244,21	245,22
SIH-CP-13	3131100P003	029	211121J007	005	SST	313,21	313,04	246,20	243,71	0,59		560,00	556,75	800	240,00	243,25
SIH-CP-13	3131100P003	006	211121J007	006	SST	313,88	313,66	245,60	243,41	0,59		560,07	557,07	800	239,93	242,93
SIH-CP-13	3131100P003	022	211121J007	007	SST	311,39	311,30	245,20	243,10	0,59		557,18	554,40	800	242,82	245,60
SIH-CP-13	3131100P009	003	211121J007	008		30,19	30,30	29,77	-0,27	0,14		60,10	30,03			
SIH-CP-13	3131100P009	007	211121J007	009	SST	263,95	263,93	242,20	241,78	0,64		506,79	505,71	1000	493,21	494,29
SIH-CP-13	3131100P009	004	211121J007	010	SST	259,88	259,71	246,20	245,58	0,63		506,72	505,29	1000	493,28	494,71
SIH-CP-13	3131100P003	014	211121J007	011	SST	311,12	310,96	244,60	242,84	0,59		556,31	553,80	800	243,69	246,20
SIH-CP-13	3131100P003	030	211121J007	012	SST	313,81	313,63	245,00	243,04	0,59		559,40	556,67	800	240,60	243,33
SIH-CP-13	3131100P003	007	211121J007	013	SST	311,23	310,96	243,80	243,28	0,60		555,63	554,24	800	244,37	245,76
SIH-CP-13	3131100P003	019	211121J007	014	SST	314,02	314,02	243,80	242,01	0,60		558,41	556,03	800	241,59	243,97
SIH-CP-13	3131100P009	002	211121J007	017	SST	260,25	260,24	245,50	244,89	0,64		506,39	505,13	1000	493,61	494,87
SIH-CP-13	3131100P009	006	211121J007	018	SST	264,66	264,47	241,70	241,32	0,64		506,99	505,79	1000	493,01	494,21
SIH-CP-13	3131100P003	015	211121J007	021		38,46	38,66	34,04	-0,27	0,19		72,69	38,39			
SIH-CP-13	3131100P003	023	211121J007	022	SST	312,81	312,62	244,10	241,93	0,59		557,50	554,55	800	242,50	245,45
SIH-CP-13	3131100P003	020	211121J007	023	SST	312,33	312,05	244,70	242,61	0,59		557,62	554,66	800	242,38	245,34
SIH-CP-13	3131100P003	004	211121J007	024	SST	314,19	313,92	244,00	242,44	0,59		558,79	556,36	800	241,21	243,64
SIH-CP-13	3131100P009	001	211121J007	028	SST	264,79	264,75	247,10	245,45	0,64		512,53	510,20	1000	487,47	489,80
SIH-CP-13	3131100P003	008	211121J007	032		38,99	39,10	33,80	33,87	0,19		72,98	72,97			
SIH-CP-13	3131100P003	005	211121J007	034	SST	312,20	312,21	242,30	241,70	0,60		555,09	553,91	800	244,91	246,09
SIH-CP-13	3131100P003	001	211121J007	035	BRASS	3,90	4,01	3,16	3,16	0,60		7,66	7,17	8	0,34	0,83
SIH-CP-13	3131100P003	028	211121J007	041	SST	315,20	314,93	246,80	246,25	0,59		562,60	561,18	800	237,40	238,82
SIH-CP-13	3131100P003	011	211121J007	042	SST	314,82	314,60	242,80	242,31	0,59		558,22	556,91	800	241,78	243,09
SIH-CP-13	3131100P003	027	211121J007	043	SST	313,61	313,37	248,70	246,27	0,59		562,91	559,64	800	237,09	240,36
SIH-CP-13	3131100P003	012	211121J007	044	SST	315,56	315,32	247,10	246,36	0,60		563,26	561,68	800	236,74	238,32
SIH-CP-13	3131100P003	021	211121J007	045		38,46	38,75	33,62	33,43	0,19		72,26	72,18			
SIH-CP-13	3131100P003	002	211121J007	046	BRASS	3,90	4,02	3,17	3,16	0,60		7,67	7,18	8	0,33	0,82
SIH-CP-13	3131100P003	017	211121J007	047	BRASS	3,83	3,98	3,15	3,13	0,59		7,57	7,11	8	0,43	0,89
SIH-CP-13	3131100P007	011	211121J007	050		37,79	37,84	33,43	33,54	0,18		71,40	71,38			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-13	3131100P007	010	211121J007	051	SST	300,26	300,03	244,30	243,72	0,58		545,14	543,75	800	254,86	256,25
SIH-CP-13	3131100P007	026	211121J007	052	SST	301,56	301,37	244,00	243,39	0,58		546,14	544,76	800	253,86	255,24
SIH-CP-13	3131100P003	024	211121J007	053	SST	314,06	313,86	243,30	242,72	0,60		557,96	556,58	800	242,04	243,42
SIH-CP-13	3131100P003	009	211121J007	054	SST	315,83	315,60	248,10	246,24	0,59		564,52	561,84	800	235,48	238,16
SIH-CP-13	3131100P003	025	211121J007	055	SST	306,45	306,00	247,80	245,64	0,59		554,84	551,64	800	245,16	248,36
SIH-CP-13	3131100P003	010	211121J007	056	SST	313,61	313,41	248,10	246,57	0,59		562,31	559,98	800	237,69	240,02
SIH-CP-13	3131100P003	003	211121J007	057		24,68	24,85	22,17	22,20	0,15		47,00	47,05			
SIH-CP-13	3131100P003	018	211121J007	058	BRASS	3,83	3,98	3,15	3,12	0,60		7,58	7,10	8	0,42	0,90
SIH-CP-13	3131100P007	009	211121J007	062	SST	299,75	299,63	244,50	243,95	0,58		544,83	543,58	800	255,17	256,42
SIH-CP-13	3131100P007	025	211121J007	063	SST	301,81	301,50	244,50	243,83	0,58		546,89	545,33	800	253,11	254,67
SIH-CP-13	3131100P003	026	211121J007	064		33,42	33,51	29,39	29,36	0,10		62,91	62,87			
SIH-CP-13	3131100P001	010	211121J007	068	SST	254,97	254,86	248,60	246,19	0,60		504,18	501,05	800	295,82	298,95
SIH-CP-13	3131100P007	021	211121J007	072		32,67	32,98	29,71	29,66	0,14		62,52	62,64			
SIH-CP-13	3131100P007	007	211121J007	073	SST	151,49	151,46	124,10	122,97	0,59		276,18	274,43	800	523,82	525,57
SIH-CP-13	3131100P007	023	211121J007	074	SST	302,44	302,19	247,00	245,82	0,59		550,03	548,01	800	249,97	251,99
SIH-CP-13	3131100P007	024	211121J007	075	SST	301,43	301,28	244,40	242,03	0,59		546,42	543,31	800	253,58	256,69
SIH-CP-13	3131100P001	026	211121J007	076		29,45	29,60	30,05	30,26	0,13		59,62	59,86			
SIH-CP-13	3131100P001	024	211121J007	077	SST	256,32	256,23	246,90	246,35	0,60		503,82	502,58	800	296,18	297,42
SIH-CP-13	3131100P001	009	211121J007	078	SST	256,01	256,02	248,90	246,59	0,60		505,52	502,61	800	294,48	297,39
SIH-CP-13	3131100P001	025	211121J007	079	SST	255,21	255,17	244,30	242,21	0,60		500,11	497,38	800	299,89	302,62
SIH-CP-13	3131100P001	003	211121J007	080		22,12	22,37	22,49	22,61	0,16		44,77	44,98			
SIH-CP-13	3131100P001	018	211121J007	081	BRASS	3,16	3,24	3,16	3,10	0,60		6,92	6,34	8	1,08	1,66
SIH-CP-13	3131100P007	006	211121J007	084	SST	149,21	149,16	124,20	122,85	0,59		273,99	272,01	800	526,01	527,99
SIH-CP-13	3131100P007	022	211121J007	085	SST	301,54	301,23	246,70	246,03	0,58		548,82	547,26	800	251,18	252,74
SIH-CP-13	3131100P007	008	211121J007	086	SST	301,63	301,41	244,10	241,89	0,58		546,31	543,30	800	253,69	256,70
SIH-CP-13	3131100P001	028	211121J007	087	SST	249,33	249,11	246,50	245,95	0,61		496,43	495,06	800	303,57	304,94
SIH-CP-13	3131100P001	011	211121J007	088	SST	255,24	255,08	246,80	246,08	0,61		502,65	501,16	800	297,35	298,84
SIH-CP-13	3131100P001	027	211121J007	089	SST	256,72	256,55	247,20	246,40	0,60		504,53	502,95	800	295,47	297,05
SIH-CP-13	3131100P001	012	211121J007	090	SST	256,45	256,31	243,00	242,24	0,61		500,06	498,55	800	299,94	301,45
SIH-CP-13	3131100P001	021	211121J007	091		33,75	33,90	33,58	33,52	0,19		67,53	67,42			
SIH-CP-13	3131100P001	002	211121J007	092	BRASS	3,16	3,29	3,22	3,13	0,60		6,98	6,42	8	1,02	1,58
SIH-CP-13	3131100P001	017	211121J007	093	BRASS	3,16	3,23	3,19	3,10	0,60		6,95	6,33	8	1,05	1,67

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-13	3131100P007	003	211121J007	095	SST	148,92	148,91	123,30	121,96	0,58		272,80	270,87	800	527,20	529,13
SIH-CP-13	3131100P007	019	211121J007	096	SST	300,69	300,72	248,40	246,20	0,59		549,68	546,92	800	250,32	253,08
SIH-CP-13	3131100P007	020	211121J007	097	SST	302,82	302,52	246,70	246,05	0,58		550,10	548,57	800	249,90	251,43
SIH-CP-13	3131100P007	027	211121J007	098		24,27	24,43	23,20	23,06	0,15		47,63	47,49			
SIH-CP-13	3131100P007	029	211121J007	099	BRASS	3,77	3,78	3,24	3,13	0,59		7,59	6,91	8	0,41	1,09
SIH-CP-13	3131100P007	013	211121J007	100	BRASS	3,70	3,80	3,16	3,07	0,58		7,44	6,87	8	0,56	1,13
SIH-CP-13	3131100P001	008	211121J007	101		33,55	33,75	33,95	33,88	0,19		67,69	67,63			
SIH-CP-13	3131100P001	005	211121J007	103	SST	253,70	253,69	245,40	243,37	0,61		499,70	497,06	800	300,30	302,94
SIH-CP-13	3131100P001	001	211121J007	104	BRASS	3,16	3,32	3,21	3,23	0,61		6,97	6,55	8	1,03	1,45
SIH-CP-13	3131100P007	017	211121J007	105		32,61	32,70	29,78	29,91	0,14		62,53	62,61			
SIH-CP-13	3131100P007	002	211121J007	106	SST	150,82	150,70	124,30	123,02	0,59		275,71	273,72	800	524,29	526,28
SIH-CP-13	3131100P007	018	211121J007	107	SST	300,69	300,82	243,50	241,89	0,59		544,78	542,71	800	255,22	257,29
SIH-CP-13	3131100P007	004	211121J007	108	SST	302,41	302,17	246,90	246,06	0,59		549,90	548,23	800	250,10	251,77
SIH-CP-13	3131100P007	028	211121J007	109	BRASS	3,77	3,83	3,20	3,20	0,59		7,55	7,03	8	0,45	0,97
SIH-CP-13	3131100P007	012	211121J007	110	BRASS	3,77	3,85	3,17	3,17	0,59		7,52	7,02	8	0,48	0,98
SIH-CP-13	3131100P001	015	211121J007	111		33,82	33,90	34,22	34,27	0,19		68,23	68,17			
SIH-CP-13	3131100P001	023	211121J007	112	SST	253,83	254,15	246,40	244,43	0,61		500,84	498,58	800	299,16	301,42
SIH-CP-13	3131100P001	020	211121J007	113	SST	255,41	255,23	244,20	242,52	0,60		500,21	497,75	800	299,79	302,25
SIH-CP-13	3131100P001	004	211121J007	114	SST	254,03	253,91	243,50	242,61	0,60		498,14	496,52	800	301,86	303,48
SIH-CP-13	3131100P007	015	211121J007	116	BRASS	3,70	3,80	3,20	3,14	0,58		7,48	6,94	8	0,52	1,06
SIH-CP-13	3131100P007	031	211121J007	117	BRASS	3,70	3,83	3,19	3,12	0,58		7,47	6,95	8	0,53	1,05
SIH-CP-13	3131100P001	014	211121J007	118	SST	254,23	254,05	246,30	245,75	0,60		501,14	499,80	800	298,86	300,20
SIH-CP-13	3131100P001	030	211121J007	119	SST	253,26	253,09	246,80	244,30	0,60		500,66	497,39	800	299,34	302,61
SIH-CP-13	3131100P001	007	211121J007	120	SST	253,43	253,28	245,70	243,51	0,61		499,73	496,79	800	300,27	303,21
SIH-CP-13	3131100P001	019	211121J007	121	SST	254,40	254,40	244,10	243,47	0,61		499,11	497,87	800	300,89	302,13
SIH-CP-13	3131100P007	016	211121J007	122		24,34	24,45	23,04	22,96	0,16		47,54	47,41			
SIH-CP-13	3131100P007	014	211121J007	123	BRASS	3,77	3,81	3,19	3,13	0,58		7,53	6,94	8	0,47	1,06
SIH-CP-13	3131100P007	030	211121J007	124	BRASS	3,77	3,78	3,19	3,12	0,58		7,54	6,90	8	0,46	1,10
SIH-CP-13	3131100P001	013	211121J007	125	SST	252,72	252,53	245,40	244,72	0,60		498,72	497,25	800	301,28	302,75
SIH-CP-13	3131100P001	029	211121J007	126	SST	252,96	252,73	245,30	244,61	0,60		498,86	497,34	800	301,14	302,66
SIH-CP-13	3131100P001	006	211121J007	127	SST	255,11	254,96	247,80	244,61	0,61		503,52	499,57	800	296,48	300,43
SIH-CP-13	3131100P001	022	211121J007	128	SST	253,53	253,50	246,70	244,68	0,60		500,83	498,18	800	299,17	301,82

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-14	3131100P043	016	211121J003	001		20,71	20,83	30,43	29,94	0,20		51,34	50,77			
SIH-CP-14	3131100P043	010	211121J003	002	SST	124,09	124,15	229,80	228,33	0,56		354,45	352,48	800	445,55	447,52
SIH-CP-14	3131100P043	020	211121J003	003	SST	124,44	124,51	227,10	226,77	0,57		352,11	351,28	800	447,89	448,72
SIH-CP-14	3131100P043	021	211121J003	004	SST	124,44	124,78	230,20	227,77	0,56		355,20	352,55	800	444,80	447,45
SIH-CP-14	3131100P004	021	211121J003	005		41,21	41,27	32,54	32,50	0,21		73,96	73,77			
SIH-CP-14	3131100P004	019	211121J003	006	SST	338,89	338,63	231,30	229,48	0,58		570,76	568,11	800	229,24	231,89
SIH-CP-14	3131100P004	020	211121J003	007	SST	340,97	340,83	231,40	229,55	0,57		572,94	570,38	800	227,06	229,62
SIH-CP-14	3131100P043	005	211121J003	008	SST	61,73	61,96	114,10	113,36	0,57		176,39	175,32	400	223,61	224,68
SIH-CP-14	3131100P043	009	211121J003	009	SST	124,04	124,08	228,10	226,98	0,57		352,70	351,06	800	447,30	448,94
SIH-CP-14	3131100P004	014	211121J003	012	SST	339,65	339,57	230,40	228,52	0,57		570,62	568,09	800	229,38	231,91
SIH-CP-14	3131100P004	030	211121J003	013	SST	340,25	340,08	230,40	228,81	0,58		571,23	568,89	800	228,77	231,11
SIH-CP-14	3131100P004	004	211121J003	014	SST	341,44	341,34	230,60	229,94	0,58		572,62	571,28	800	227,38	228,72
SIH-CP-14	3131100P043	004	211121J003	015	SST	62,00	62,08	114,60	113,77	0,57		177,16	175,85	400	222,84	224,15
SIH-CP-14	3131100P043	015	211121J003	016	SST	123,48	123,52	226,90	226,51	0,57		350,95	350,03	800	449,05	449,97
SIH-CP-14	3131100P043	011	211121J003	017		21,11	21,24	32,94	32,63	0,21		54,26	53,87			
SIH-CP-14	3131100P004	013	211121J003	021	SST	339,18	339,12	232,20	229,96	0,57		571,95	569,08	800	228,05	230,92
SIH-CP-14	3131100P004	029	211121J003	022	SST	338,64	338,48	233,40	229,75	0,58		572,62	568,23	800	227,38	231,77
SIH-CP-14	3131100P004	003	211121J003	023		25,89	25,97	22,22	22,24	0,15		48,26	48,21			
SIH-CP-14	3131100P004	005	211121J003	024	SST	338,77	338,60	228,50	227,96	0,58		567,85	566,56	800	232,15	233,44
SIH-CP-14	3131100P043	007	211121J003	025	SST	123,57	123,58	224,70	224,19	0,57		348,84	347,77	800	451,16	452,23
SIH-CP-14	3131100P043	014	211121J003	026	SST	123,16	123,25	228,00	226,74	0,57		351,73	349,99	800	448,27	450,01
SIH-CP-14	3131100P042	006	211121J003	027	SST	123,63	123,78	227,90	226,12	0,60		352,13	349,90	800	447,87	450,10
SIH-CP-14	3131100P042	007	211121J003	028	SST	123,89	124,09	230,00	229,56	0,60		354,49	353,65	800	445,51	446,35
SIH-CP-14	3131100P042	019	211121J003	029	SST	121,61	121,74	231,80	229,62	0,60		354,01	351,36	800	445,99	448,64
SIH-CP-14	3131100P042	020	211121J003	030	SST	121,68	121,74	227,80	226,15	0,60		350,08	347,89	800	449,92	452,11
SIH-CP-14	3131100P004	015	211121J003	031		41,62	41,73	32,71	32,74	0,21		74,54	74,47			
SIH-CP-14	3131100P004	007	211121J003	032	SST	339,18	339,09	230,10	228,28	0,59		569,86	567,37	800	230,14	232,63
SIH-CP-14	3131100P004	023	211121J003	033	SST	341,06	340,95	230,90	229,36	0,59		572,55	570,31	800	227,45	229,69
SIH-CP-14	3131100P004	018	211121J003	034	BRASS	4,24	4,34	3,00	2,97	0,58		7,82	7,31	8	0,18	0,69
SIH-CP-14	3131100P004	017	211121J003	035	BRASS	4,24	4,34	3,00	3,00	0,58		7,82	7,34	8	0,18	0,66
SIH-CP-14	3131100P043	006	211121J003	036	SST	123,62	123,67	226,90	224,60	0,57		351,08	348,27	800	448,92	451,73

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-14	3131100P043	019	211121J003	037	SST	123,57	123,57	226,40	225,70	0,57		350,53	349,27	800	449,47	450,73
SIH-CP-14	3131100P043	008	211121J003	038		23,00	23,23	34,92	34,75	0,28		58,20	57,98			
SIH-CP-14	3131100P042	016	211121J003	039	SST	123,57	123,63	231,20	229,98	0,59		355,36	353,61	800	444,64	446,39
SIH-CP-14	3131100P042	017	211121J003	040	SST	123,62	123,70	230,60	229,87	0,59		354,81	353,57	800	445,19	446,43
SIH-CP-14	3131100P042	008	211121J003	041	SST	123,68	123,80	230,50	230,01	0,59		354,77	353,81	800	445,23	446,19
SIH-CP-14	3131100P042	009	211121J003	042	SST	123,77	123,87	232,00	230,02	0,59		356,36	353,89	800	443,64	446,11
SIH-CP-14	3131100P004	008	211121J003	043		41,08	41,16	32,57	32,54	0,21		73,86	73,70			
SIH-CP-14	3131100P004	006	211121J003	044	SST	340,84	340,71	230,40	228,49	0,59		571,82	569,20	800	228,18	230,80
SIH-CP-14	3131100P004	022	211121J003	045	SST	339,22	339,01	228,30	227,45	0,58		568,10	566,46	800	231,90	233,54
SIH-CP-14	3131100P004	002	211121J003	046	BRASS	4,30	4,37	3,00	3,00	0,58		7,88	7,37	8	0,12	0,63
SIH-CP-14	3131100P004	001	211121J003	047	BRASS	4,17	4,37	2,99	2,99	0,58		7,74	7,36	8	0,26	0,64
SIH-CP-14	3131100P043	017	211121J003	048		23,20	23,33	34,90	34,93	0,28		58,38	58,26			
SIH-CP-14	3131100P043	018	211121J003	049	SST	123,57	123,55	227,60	225,63	0,56		351,73	349,18	800	448,27	450,82
SIH-CP-14	3131100P042	021	211121J003	050		19,43	19,54	27,72	27,63	0,29		47,44	47,17			
SIH-CP-14	3131100P042	002	211121J003	051	BRASS	1,48	1,66	2,87	2,86	0,59		4,94	4,52	8	3,06	3,48
SIH-CP-14	3131100P042	013	211121J003	052	BRASS	1,55	1,64	2,88	2,87	0,59		5,01	4,51	8	2,99	3,49
SIH-CP-14	3131100P042	015	211121J003	053	BRASS	1,55	1,64	2,86	2,88	0,60		5,00	4,52	8	3,00	3,48
SIH-CP-14	3131100P042	018	211121J003	054		19,83	20,05	29,12	29,38	0,12		49,08	49,43			
SIH-CP-14	3131100P004	028	211121J003	055	SST	343,08	342,99	232,30	232,09	0,58		575,96	575,08	800	224,04	224,92
SIH-CP-14	3131100P004	012	211121J003	056	SST	337,36	337,17	232,50	232,07	0,58		570,44	569,24	800	229,56	230,76
SIH-CP-14	3131100P004	027	211121J003	057	SST	342,88	342,77	232,30	231,88	0,58		575,75	574,65	800	224,25	225,35
SIH-CP-14	3131100P004	011	211121J003	058	SST	342,14	342,01	232,00	231,49	0,58		574,72	573,50	800	225,28	226,50
SIH-CP-14	3131100P043	013	211121J003	060	SST	60,99	61,09	113,40	112,36	0,57		174,95	173,45	400	225,05	226,55
SIH-CP-14	3131100P042	011	211121J003	061	BRASS	1,48	1,62	2,81	2,78	0,60		4,89	4,40	8	3,11	3,60
SIH-CP-14	3131100P042	003	211121J003	062		16,27	16,39	21,65	21,45	0,14		38,06	37,84			
SIH-CP-14	3131100P042	001	211121J003	063	BRASS	1,55	1,64	2,89	2,82	0,60		5,03	4,46	8	2,97	3,54
SIH-CP-14	3131100P042	012	211121J003	064	BRASS	1,48	1,61	2,86	2,80	0,59		4,93	4,41	8	3,07	3,59
SIH-CP-14	3131100P042	014	211121J003	065	BRASS	1,55	1,59	2,88	2,79	0,60		5,02	4,38	8	2,98	3,62
SIH-CP-14	3131100P004	026	211121J003	066		35,50	35,52	29,04	29,04	0,12		64,65	64,56			
SIH-CP-14	3131100P004	024	211121J003	067	SST	342,65	342,48	233,60	232,00	0,58		576,83	574,48	800	223,17	225,52
SIH-CP-14	3131100P004	009	211121J003	068	SST	336,75	336,54	232,20	231,68	0,58		569,53	568,22	800	230,47	231,78
SIH-CP-14	3131100P004	025	211121J003	069	SST	342,96	342,86	229,00	228,46	0,58		572,54	571,32	800	227,46	228,68

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-14	3131100P004	010	211121J003	070	SST	343,19	342,98	230,30	228,21	0,58		574,07	571,19	800	225,93	228,81
SIH-CP-14	3131100P043	012	211121J003	071	SST	60,85	60,96	113,40	112,82	0,57		174,82	173,78	400	225,18	226,22
SIH-CP-14	3131100P043	002	211121J003	072	SST	122,74	122,84	228,00	226,72	0,57		351,31	349,56	800	448,69	450,44
SIH-CP-14	3131100P042	010	211121J003	073	BRASS	1,48	1,62	2,82	2,77	0,60		4,90	4,39	8	3,10	3,61
SIH-CP-14	3131100P006	001	211121J003	076		23,53	23,66	22,21	22,11	0,16		45,90	45,77			
SIH-CP-14	3131100P002	010	211121J003	078	SST	275,92	275,87	232,10	230,67	0,57		508,58	506,54	800	291,42	293,46
SIH-CP-14	3131100P002	024	211121J003	079	SST	276,12	276,10	231,60	230,89	0,57		508,29	506,99	800	291,71	293,01
SIH-CP-14	3131100P002	009	211121J003	080	SST	276,52	276,54	232,90	231,33	0,57		509,99	507,87	800	290,01	292,13
SIH-CP-14	3131100P002	025	211121J003	081	SST	276,42	276,30	231,50	231,03	0,56		508,49	507,33	800	291,51	292,67
SIH-CP-14	3131100P043	003	211121J003	082		20,44	20,63	29,82	29,85	0,20		50,46	50,48			
SIH-CP-14	3131100P043	001	211121J003	083	SST	122,27	122,29	226,30	225,96	0,58		349,14	348,25	800	450,86	451,75
SIH-CP-14	3131100P006	013	211121J003	085	BRASS	3,63	3,78	3,07	2,98	0,58		7,27	6,76	8	0,73	1,24
SIH-CP-14	3131100P006	005	211121J003	086	BRASS	3,70	3,82	3,00	2,95	0,58		7,27	6,77	8	0,73	1,23
SIH-CP-14	3131100P006	010	211121J003	087	BRASS	3,63	3,81	2,99	2,94	0,58		7,20	6,75	8	0,80	1,25
SIH-CP-14	3131100P006	003	211121J003	088	BRASS	3,70	3,80	2,96	2,91	0,58		7,23	6,71	8	0,77	1,29
SIH-CP-14	3131100P002	011	211121J003	090	SST	276,22	276,10	228,60	227,20	0,57		505,40	503,30	800	294,60	296,70
SIH-CP-14	3131100P002	027	211121J003	091	SST	271,54	271,45	233,40	231,28	0,57		505,51	502,73	800	294,49	297,27
SIH-CP-14	3131100P002	012	211121J003	092	SST	276,09	275,86	228,80	227,71	0,57		505,46	503,57	800	294,54	296,43
SIH-CP-14	3131100P002	028	211121J003	093	SST	271,07	271,10	232,20	231,04	0,58		503,85	502,14	800	296,15	297,86
SIH-CP-14	3131100P006	015	211121J003	095	SST	292,41	292,39	228,60	226,45	0,58		521,59	518,84	800	278,41	281,16
SIH-CP-14	3131100P006	014	211121J003	096	SST	291,87	291,82	226,30	225,73	0,58		518,75	517,55	800	281,25	282,45
SIH-CP-14	3131100P006	012	211121J003	097	BRASS	3,63	3,79	3,00	2,99	0,58		7,21	6,78	8	0,79	1,22
SIH-CP-14	3131100P006	004	211121J003	098	BRASS	3,70	3,79	2,98	2,91	0,58		7,26	6,70	8	0,74	1,30
SIH-CP-14	3131100P006	009	211121J003	099	BRASS	3,63	3,78	3,03	2,93	0,58		7,24	6,71	8	0,76	1,29
SIH-CP-14	3131100P006	002	211121J003	100	BRASS	3,70	3,78	2,98	2,90	0,59		7,26	6,68	8	0,74	1,32
SIH-CP-14	3131100P002	026	211121J003	101		30,05	30,51	28,77	28,84	0,12		58,94	59,35			
SIH-CP-14	3131100P002	003	211121J003	102		23,00	23,17	21,92	21,84	0,12		45,04	45,01			
SIH-CP-14	3131100P002	018	211121J003	103	BRASS	3,36	3,52	3,04	3,01	0,58		6,97	6,53	8	1,03	1,47
SIH-CP-14	3131100P006	007	211121J003	106	SST	292,48	292,50	226,90	226,43	0,58		519,96	518,93	800	280,04	281,07
SIH-CP-14	3131100P006	006	211121J003	107	SST	292,11	292,02	227,40	226,78	0,58		520,10	518,80	800	279,90	281,20
SIH-CP-14	3131100P006	011	211121J003	108		23,73	23,93	22,54	22,25	0,16		46,43	46,18			
SIH-CP-14	3131100P002	015	211121J003	109		35,10	35,24	32,03	32,10	0,21		67,34	67,34			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-14	3131100P002	008	211121J003	110		35,03	35,18	32,00	32,09	0,21		67,23	67,27			
SIH-CP-14	3131100P002	021	211121J003	111		35,09	35,19	32,58	32,58	0,18		67,86	67,77			
SIH-CP-14	3131100P002	005	211121J003	112	SST	271,95	272,19	229,70	228,14	0,57		502,22	500,33	800	297,78	299,67
SIH-CP-14	3131100P002	002	211121J003	113	BRASS	3,36	3,52	2,99	2,93	0,58		6,93	6,45	8	1,07	1,55
SIH-CP-14	3131100P002	017	211121J003	114	BRASS	3,36	3,48	3,03	2,94	0,57		6,96	6,42	8	1,04	1,58
SIH-CP-14	3131100P002	014	211121J003	116	SST	272,55	272,69	227,90	225,41	0,57		501,02	498,10	800	298,98	301,90
SIH-CP-14	3131100P002	030	211121J003	117	SST	270,81	270,87	227,10	226,50	0,57		498,47	497,37	800	301,53	302,63
SIH-CP-14	3131100P002	007	211121J003	118	SST	272,82	272,72	229,20	227,26	0,58		502,60	499,98	800	297,40	300,02
SIH-CP-14	3131100P002	023	211121J003	119	SST	271,81	271,67	227,60	225,72	0,58		499,99	497,39	800	300,01	302,61
SIH-CP-14	3131100P002	020	211121J003	120	SST	273,90	273,68	230,00	227,73	0,57		504,46	501,41	800	295,54	298,59
SIH-CP-14	3131100P002	001	211121J003	121	BRASS	3,36	3,53	3,00	2,98	0,58		6,94	6,51	8	1,06	1,49
SIH-CP-14	3131100P006	008	211121J003	122		36,78	36,89	32,16	32,39	0,21		69,15	69,28			
SIH-CP-14	3131100P002	013	211121J003	123	SST	272,55	272,64	229,30	227,08	0,57		502,43	499,72	800	297,57	300,28
SIH-CP-14	3131100P002	029	211121J003	124	SST	271,11	271,21	228,20	226,30	0,58		499,89	497,51	800	300,11	302,49
SIH-CP-14	3131100P002	006	211121J003	125	SST	272,02	271,90	227,30	226,84	0,58		499,89	498,74	800	300,11	301,26
SIH-CP-14	3131100P002	022	211121J003	126	SST	272,55	272,77	229,80	227,20	0,57		502,92	499,97	800	297,08	300,03
SIH-CP-14	3131100P002	019	211121J003	127	SST	272,35	272,21	228,90	228,41	0,57		501,83	500,62	800	298,17	299,38
SIH-CP-14	3131100P002	004	211121J003	128	SST	273,67	273,57	229,60	226,97	0,57		503,84	500,54	800	296,16	299,46
SIH-CP-15	3131100P041	011	211121J004	002		20,91	21,07	36,25	36,35	0,23		57,39	57,42			
SIH-CP-15	3131100P041	010	211121J004	003	SST	113,19	113,34	272,70	272,56	0,63		386,52	385,90	800	413,48	414,10
SIH-CP-15	3131100P041	009	211121J004	004	SST	112,66	112,83	273,80	273,47	0,63		387,08	386,30	800	412,92	413,70
SIH-CP-15	3131100P041	021	211121J004	005	SST	112,72	112,75	278,90	274,90	0,62		392,25	387,65	800	407,75	412,35
SIH-CP-15	3131100P041	020	211121J004	006	SST	112,93	113,01	276,40	274,40	0,63		389,96	387,41	800	410,04	412,59
SIH-CP-15	3131100P041	016	211121J004	007		19,64	19,72	33,43	33,16	0,22		53,29	52,88			
SIH-CP-15	3131100P041	019	211121J004	013	SST	113,13	113,09	274,70	272,69	0,63		388,46	385,78	800	411,54	414,22
SIH-CP-15	3131100P041	015	211121J004	014	SST	113,13	113,15	275,80	273,99	0,63		389,56	387,14	800	410,44	412,86
SIH-CP-15	3131100P041	005	211121J004	015	SST	56,28	56,42	137,10	136,47	0,62		194,00	192,89	400	206,00	207,11
SIH-CP-15	3131100P041	018	211121J004	021	SST	113,19	113,25	274,60	272,73	0,62		388,42	385,98	800	411,58	414,02
SIH-CP-15	3131100P041	008	211121J004	022		22,06	22,25	39,24	39,11	0,31		61,60	61,36			
SIH-CP-15	3131100P041	014	211121J004	023	SST	113,67	113,70	275,50	273,70	0,63		389,80	387,40	800	410,20	412,60
SIH-CP-15	3131100P041	004	211121J004	024	SST	56,55	56,68	137,10	136,91	0,62		194,27	193,59	400	205,73	206,41

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-15	3131100P041	017	211121J004	031		22,19	22,26	40,00	39,28	0,31		62,50	61,54			
SIH-CP-15	3131100P041	007	211121J004	032	SST	113,13	113,23	277,10	275,27	0,63		390,86	388,50	800	409,14	411,50
SIH-CP-15	3131100P041	012	211121J004	033	SST	56,82	56,93	138,80	137,92	0,63		196,24	194,85	400	203,76	205,15
SIH-CP-15	3131100P041	013	211121J004	034	SST	56,82	56,88	137,40	137,31	0,62		194,84	194,19	400	205,16	205,81
SIH-CP-15	3131100P041	006	211121J004	042	SST	113,06	113,15	277,60	274,89	0,63		391,29	388,04	800	408,71	411,96
SIH-CP-15	3131100P041	003	211121J004	043		19,84	20,13	33,21	33,26	0,23		53,27	53,39			
SIH-CP-15	3131100P041	001	211121J004	044	SST	113,60	113,62	275,80	275,45	0,63		390,03	389,07	800	409,97	410,93
SIH-CP-15	3131100P041	002	211121J004	045	SST	114,02	113,99	276,20	274,95	0,63		390,85	388,94	800	409,15	411,06
SIH-CP-15	3131100P040	018	211121J004	050		18,76	18,91	32,24	32,07	0,14		51,14	50,98			
SIH-CP-15	3131100P040	007	211121J004	051	SST	110,97	111,07	281,00	280,01	0,61		392,58	391,08	800	407,42	408,92
SIH-CP-15	3131100P040	017	211121J004	052	SST	112,72	112,82	276,10	275,71	0,60		389,43	388,53	800	410,57	411,47
SIH-CP-15	3131100P040	008	211121J004	053	SST	112,40	112,56	282,00	279,91	0,60		395,01	392,47	800	404,99	407,53
SIH-CP-15	3131100P040	020	211121J004	054	SST	112,44	112,51	280,70	279,21	0,61		393,75	391,72	800	406,25	408,28
SIH-CP-15	3131100P040	011	211121J004	055	BRASS	1,34	1,52	3,45	3,47	0,61		5,40	4,99	8	2,60	3,01
SIH-CP-15	3131100P040	016	211121J004	061	SST	110,64	110,72	281,70	279,76	0,60		392,94	390,48	800	407,06	409,52
SIH-CP-15	3131100P040	006	211121J004	062	SST	112,72	112,74	277,00	274,73	0,61		390,33	387,47	800	409,67	412,53
SIH-CP-15	3131100P040	019	211121J004	063	SST	112,99	112,99	279,80	279,26	0,61		393,40	392,25	800	406,60	407,75
SIH-CP-15	3131100P040	009	211121J004	064	SST	112,45	112,51	282,20	279,89	0,60		395,26	392,40	800	404,74	407,60
SIH-CP-15	3131100P040	010	211121J004	065	BRASS	1,34	1,48	3,44	3,36	0,60		5,39	4,84	8	2,61	3,16
SIH-CP-15	3131100P040	021	211121J004	066		18,83	18,94	30,55	30,57	0,30		49,67	49,51			
SIH-CP-15	3131100P040	002	211121J004	068	BRASS	1,34	1,47	3,48	3,38	0,61		5,43	4,85	8	2,57	3,15
SIH-CP-15	3131100P040	013	211121J004	069	BRASS	1,34	1,45	3,47	3,38	0,60		5,41	4,83	8	2,59	3,17
SIH-CP-15	3131100P040	015	211121J004	070	BRASS	1,34	1,44	3,48	3,35	0,61		5,43	4,79	8	2,57	3,21
SIH-CP-15	3131100P008	002	211121J004	073	SST	276,56	276,58	281,80	279,98	0,63		558,99	556,56	800	241,01	243,44
SIH-CP-15	3131100P008	007	211121J004	074	SST	276,56	276,60	280,30	279,81	0,63		557,49	556,41	800	242,51	243,59
SIH-CP-15	3131100P008	009	211121J004	075	SST	271,75	271,88	282,20	280,19	0,62		554,57	552,07	800	245,43	247,93
SIH-CP-15	3131100P008	005	211121J004	076	SST	276,32	276,38	280,80	280,05	0,62		557,74	556,43	800	242,26	243,57
SIH-CP-15	3131100P040	003	211121J004	077		15,87	16,11	22,91	22,98	0,14		38,92	39,09			
SIH-CP-15	3131100P040	001	211121J004	078	BRASS	1,34	1,53	3,45	3,48	0,61		5,40	5,01	8	2,60	2,99
SIH-CP-15	3131100P040	012	211121J004	079	BRASS	1,34	1,53	3,46	3,50	0,60		5,40	5,03	8	2,60	2,97
SIH-CP-15	3131100P040	014	211121J004	080	BRASS	1,34	1,51	3,45	3,49	0,60		5,39	5,00	8	2,61	3,00
SIH-CP-15	3131100P008	003	211121J004	081		30,73	30,85	32,01	32,03	0,12		62,86	62,88			

						CVV internal		CVV external		SVM		total Harness		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	condu. Brass + Cu / SST + Cu	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	measured wire resistance (Ω) CASA/ASSE	measured wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CP-15	3131100P008	001	211121J004	082	SST	276,56	276,53	282,00	279,96	0,62		559,18	556,49	800	240,82	243,51
SIH-CP-15	3131100P008	006	211121J004	083	SST	276,72	276,74	277,30	275,23	0,63		554,65	551,97	800	245,35	248,03
SIH-CP-15	3131100P008	008	211121J004	084	SST	276,92	276,94	282,80	280,17	0,62		560,35	557,11	800	239,65	242,89
SIH-CP-15	3131100P008	004	211121J004	085	SST	272,19	272,17	276,40	275,83	0,62		549,21	548,00	800	250,79	252,00
SIH-CP-15	3131100P005	008	211121J004	086		36,44	36,65	36,41	36,39	0,22		73,07	73,04			
SIH-CP-15	3131100P005	015	211121J004	087	SST	285,68	285,76	275,10	273,86	0,62		561,39	559,62	800	238,61	240,38
SIH-CP-15	3131100P005	007	211121J004	088	SST	284,64	284,50	276,10	273,71	0,62		561,36	558,21	800	238,64	241,79
SIH-CP-15	3131100P005	011	211121J004	089		23,47	23,67	23,87	23,87	0,16		47,50	47,54			
SIH-CP-15	3131100P005	005	211121J004	090	BRASS	3,56	3,68	3,63	3,53	0,61		7,80	7,21	8	0,20	0,79
SIH-CP-15	3131100P005	010	211121J004	091	BRASS	3,56	3,68	3,59	3,51	0,61		7,77	7,19	8	0,23	0,81
SIH-CP-15	3131100P005	003	211121J004	092	BRASS	3,56	3,70	3,58	3,53	0,61		7,76	7,23	8	0,24	0,77
SIH-CP-15	3131100P005	001	211121J004	093		23,40	23,65	24,63	24,42	0,17		48,19	48,07			
SIH-CP-15	3131100P005	014	211121J004	094	SST	284,37	284,19	278,80	276,35	0,62		563,79	560,54	800	236,21	239,46
SIH-CP-15	3131100P005	006	211121J004	095	SST	285,31	285,04	276,80	274,42	0,62		562,73	559,46	800	237,27	240,54
SIH-CP-15	3131100P005	012	211121J004	096	BRASS	3,56	3,67	3,58	3,57	0,62		7,76	7,24	8	0,24	0,76
SIH-CP-15	3131100P005	013	211121J004	097	BRASS	3,56	3,67	3,57	3,56	0,61		7,75	7,23	8	0,25	0,77
SIH-CP-15	3131100P005	004	211121J004	098	BRASS	3,56	3,67	3,61	3,53	0,62		7,79	7,20	8	0,21	0,80
SIH-CP-15	3131100P005	009	211121J004	099	BRASS	3,50	3,67	3,61	3,53	0,62		7,72	7,20	8	0,28	0,80
SIH-CP-15	3131100P005	002	211121J004	100	BRASS	3,50	3,68	3,57	3,48	0,62		7,68	7,16	8	0,32	0,84

6 ANNEX 3: SPIRE INSTRUMENT HARNESS SIH

3 - 1 SPIRE Harness internal CVV

3 - 2 SPIRE Harness external CVV and SVM

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CVV internal													Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASEID / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASEID / IDAS
SIH-CS-01	121220P010	001	2211121J032	001	BRASS	7,8	1457	11,3646	1350	10,53	10,40	10,59	200	189,60	189,41
SIH-CS-01	121220P010	003	2211121J032	002	BRASS	7,8	1457	11,3646	1350	10,53	10,50	10,68	100	89,50	89,32
SIH-CS-01	121220P010	021	2211121J032	003	BRASS	7,8	1457	11,3646	1350	10,53	10,40	10,59	100	89,60	89,41
SIH-CS-01	121220P010	002	2211121J032	004							12,37	12,71			
SIH-CS-01	121220P009	001	2211121J032	007	BRASS	7,8	1418	11,0604	1310	10,218	10,17	10,32	200	189,83	189,68
SIH-CS-01	121220P010	020	2211121J032	008	BRASS	7,8	1457	11,3646	1350	10,53	10,35	10,43	200	189,65	189,57
SIH-CS-01	121220P010	037	2211121J032	009	BRASS	7,8	1457	11,3646	1350	10,53	10,69	10,80	200	189,31	189,20
SIH-CS-01	121220P010	028	2211121J032	010	SST	110	1457	160,27	1350	148,5	149,60	149,47	200	50,40	50,53
SIH-CS-01	121220P010	010	2211121J032	011	SST	110	1457	160,27	1350	148,5	149,60	149,48	200	50,40	50,52
SIH-CS-01	121220P010	004	2211121J032	012	SST	110	1457	160,27	1350	148,5	151,30	151,33	200	48,70	48,67
SIH-CS-01	121220P010	022	2211121J032	013	SST	110	1457	160,27	1350	148,5	151,40	151,27	200	48,60	48,73
SIH-CS-01	121220P009	020	2211121J032	014	BRASS	7,8	1418	11,0604	1310	10,218	10,35	10,41	200	189,65	189,59
SIH-CS-01	121220P010	016	2211121J032	016	BRASS	7,8	1457	11,3646	1350	10,53	10,49	10,60	200	189,51	189,40
SIH-CS-01	121220P010	019	2211121J032	017	BRASS	7,8	1457	11,3646	1350	10,53	10,69	10,78	200	189,31	189,22
SIH-CS-01	121220P010	017	2211121J032	018	BRASS	7,8	1457	11,3646	1350	10,53	10,62	10,73	200	189,38	189,27
SIH-CS-01	121220P010	011	2211121J032	019	BRASS	7,8	1457	11,3646	1350	10,53	10,42	10,51	100	189,58	189,49
SIH-CS-01	121220P010	024	2211121J032	020	SST	110	1457	160,27	1350	148,5	151,00	150,86	200	49,00	49,14
SIH-CS-01	121220P010	005	2211121J032	021	SST	110	1457	160,27	1350	148,5	151,20	151,05	200	48,80	48,95
SIH-CS-01	121220P009	018	2211121J032	022							12,04	12,14			
SIH-CS-01	121220P009	017	2211121J032	023	BRASS	7,8	1418	11,0604	1310	10,218	10,49	10,63	200	189,51	189,37
SIH-CS-01	121220P009	021	2211121J032	024	BRASS	7,8	1418	11,0604	1310	10,218	10,22	10,31	100	89,78	89,69
SIH-CS-01	121220P005	001	2211121J032	026	SST	110	1446	159,06	1330	146,3	147,00	147,03	500	353,00	352,97
SIH-CS-01	121220P010	035	2211121J032	027	BRASS	7,8	1457	11,3646	1350	10,53	10,49	10,62	200	489,51	489,38
SIH-CS-01	121220P010	036	2211121J032	028	BRASS	7,8	1457	11,3646	1350	10,53	10,69	10,80	200	189,31	189,20
SIH-CS-01	121220P010	030	2211121J032	029	BRASS	7,8	1457	11,3646	1350	10,53	10,29	10,42	100	189,71	189,58
SIH-CS-01	121220P010	032	2211121J032	030	SST	110	1457	160,27	1350	148,5	149,30	149,25	200	50,70	50,75
SIH-CS-01	121220P010	025	2211121J032	031	BRASS	7,8	1457	11,3646	1350	10,53	10,42	10,47	100	189,58	189,53
SIH-CS-01	121220P010	006	2211121J032	032							6,79	9,75			
SIH-CS-01	121220P010	023	2211121J032	032							9,62	6,91			
SIH-CS-01	121220P009	037	2211121J032	033	BRASS	7,8	1418	11,0604	1310	10,218	10,35	10,50	200	189,65	189,50
SIH-CS-01	121220P009	036	2211121J032	034	BRASS	7,8	1418	11,0604	1310	10,218	10,55	10,66	200	189,45	189,34

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-01	121220P009	003	2211121J032	035	BRASS	7,8	1418	11,0604	1310	10,218	10,15	10,27	100	89,85	89,73
SIH-CS-01	121220P005	014	2211121J032	037	SST	110	1446	159,06	1330	146,3	146,10	146,17	500	353,90	353,83
SIH-CS-01	121220P005	002	2211121J032	038	SST	110	1446	159,06	1330	146,3	146,52	146,61	500	353,49	353,39
SIH-CS-01	121220P010	018	2211121J032	039							12,24	12,35		487,76	487,65
SIH-CS-01	121220P010	012	2211121J032	040							8,07	8,27			
SIH-CS-01	121220P010	014	2211121J032	040							10,56	10,56			
SIH-CS-01	121220P010	029	2211121J032	040							10,42	10,54			
SIH-CS-01	121220P010	031	2211121J032	040							10,62	10,79			
SIH-CS-01	121220P010	013	2211121J032	041	SST	110	1457	160,27	1350	148,5	149,27	149,16	200	50,73	50,84
SIH-CS-01	121220P010	008	2211121J032	042	BRASS	7,8	1457	11,3646	1350	10,53	10,49	10,56	100	89,51	89,44
SIH-CS-01	121220P010	007	2211121J032	043	BRASS	7,8	1457	11,3646	1350	10,53	10,49	10,54	100	89,51	89,46
SIH-CS-01	121220P009	016	2211121J032	044	BRASS	7,8	1418	11,0604	1310	10,218	10,36	10,40	200	189,64	189,60
SIH-CS-01	121220P009	019	2211121J032	045	BRASS	7,8	1418	11,0604	1310	10,218	10,42	10,46	200	189,58	189,54
SIH-CS-01	121220P009	002	2211121J032	046							12,30	12,55			
SIH-CS-01	121220P005	003	2211121J032	048	SST	110	1446	159,06	1330	146,3	145,96	146,07	500	354,04	353,93
SIH-CS-01	121220P005	015	2211121J032	049	SST	110	1446	159,06	1330	146,3	146,52	146,55	500	353,49	353,45
SIH-CS-01	121220P005	005	2211121J032	050	SST	110	1446	159,06	1330	146,3	146,99	147,14	500	353,01	352,86
SIH-CS-01	121220P005	019	2211121J032	051	SST	110	1446	159,06	1330	146,3	147,12	147,22	500	352,88	352,78
SIH-CS-01	121220P010	015	2211121J032	052	BRASS	7,8	1457	11,3646	1350	10,53	10,42	10,53	100	489,58	489,47
SIH-CS-01	121220P010	033	2211121J032	053	BRASS	7,8	1457	11,3646	1350	10,53	10,35	10,48	200	89,65	89,52
SIH-CS-01	121220P010	027	2211121J032	054	BRASS	7,8	1457	11,3646	1350	10,53	10,56	10,70	100	189,44	189,30
SIH-CS-01	121220P006	005	2211121J032	055	SST	110	1451	159,61	1330	146,3	147,68	147,73	500	352,32	352,27
SIH-CS-01	121220P009	035	2211121J032	056	BRASS	7,8	1418	11,0604	1310	10,218	10,35	10,42	200	189,65	189,58
SIH-CS-01	121220P009	030	2211121J032	057	BRASS	7,8	1418	11,0604	1310	10,218	10,02	10,12	100	89,98	89,88
SIH-CS-01	121220P005	004	2211121J032	059	SST	110	1446	159,06	1330	146,3	145,84	145,95	500	354,16	354,05
SIH-CS-01	121220P005	016	2211121J032	060	SST	110	1446	159,06	1330	146,3	146,52	146,60	500	353,49	353,40
SIH-CS-01	121220P005	018	2211121J032	061	SST	110	1446	159,06	1330	146,3	147,39	147,44	500	352,61	352,56
SIH-CS-01	121220P005	006	2211121J032	062	SST	110	1446	159,06	1330	146,3	146,85	146,97	500	353,15	353,03
SIH-CS-01	121220P005	020	2211121J032	063	SST	110	1446	159,06	1330	146,3	147,46	147,52	500	352,54	352,48
SIH-CS-01	121220P006	018	2211121J032	066	SST	110	1451	159,61	1330	146,3	146,78	146,81	500	353,22	353,19
SIH-CS-01	121220P006	006	2211121J032	067	SST	110	1451	159,61	1330	146,3	146,45	146,80	500	353,55	353,20
SIH-CS-01	121220P009	011	2211121J032	068	BRASS	7,8	1418	11,0604	1310	10,218	10,09	10,22	100	89,92	89,78
SIH-CS-01	121220P009	013	2211121J032	069	SST	110	1418	155,98	1310	144,1	144,70	144,42	200	55,30	55,58
SIH-CS-01	121220P009	033	2211121J032	070	BRASS	7,8	1418	11,0604	1310	10,218	10,22	10,28	100	89,78	89,72

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-01	121220P005	017	2211121J032	071	SST	110	1446	159,06	1330	146,3	146,45	146,52	500	353,55	353,48
SIH-CS-01	121220P005	009	2211121J032	072	SST	110	1446	159,06	1330	146,3	146,31	146,53	500	353,69	353,47
SIH-CS-01	121220P005	008	2211121J032	073	SST	110	1446	159,06	1330	146,3	146,92	147,03	500	353,08	352,97
SIH-CS-01	121220P005	021	2211121J032	074	SST	110	1446	159,06	1330	146,3	147,46	147,57	500	352,54	352,43
SIH-CS-01	121220P005	007	2211121J032	075	SST	110	1446	159,06	1330	146,3	147,32	147,41	500	352,68	352,59
SIH-CS-01	121220P006	020	2211121J032	076	SST	110	1451	159,61	1330	146,3	147,79	147,85	500	352,21	352,15
SIH-CS-01	121220P006	007	2211121J032	077	SST	110	1451	159,61	1330	146,3	146,85	146,89	500	353,15	353,11
SIH-CS-01	121220P006	019	2211121J032	078	SST	110	1451	159,61	1330	146,3	147,19	147,32	500	352,81	352,68
SIH-CS-01	121220P009	010	2211121J032	079	SST	110	1418	155,98	1310	144,1	144,79	144,81	200	55,21	55,19
SIH-CS-01	121220P009	032	2211121J032	080	SST	110	1418	155,98	1310	144,1	144,77	144,75	200	55,23	55,25
SIH-CS-01	121220P009	015	2211121J032	081	BRASS	7,8	1418	11,0604	1310	10,218	10,63	11,05	100	89,37	88,95
SIH-CS-01	121220P005	022	2211121J032	083	SST	110	1446	159,06	1330	146,3		146,42	500	500,00	353,58
SIH-CS-01	121220P005	010	2211121J032	084	SST	110	1446	159,06	1330	146,3	146,40	146,59	500	353,60	353,41
SIH-CS-01	121220P005	011	2211121J032	085	SST	110	1446	159,06	1330	146,3	146,78	146,93	500	353,22	353,07
SIH-CS-01	121220P006	001	2211121J032	086	SST	110	1451	159,61	1330	146,3	146,11	146,12	500	353,89	353,88
SIH-CS-01	121220P006	014	2211121J032	087	SST	110	1451	159,61	1330	146,3	146,31	146,29	500	353,69	353,71
SIH-CS-01	121220P006	021	2211121J032	088	SST	110	1451	159,61	1330	146,3	147,32	147,42	500	352,68	352,58
SIH-CS-01	121220P006	008	2211121J032	089	SST	110	1451	159,61	1330	146,3	146,92	146,97	500	353,08	353,03
SIH-CS-01	121220P009	028	2211121J032	090	SST	110	1418	155,98	1310	144,1	145,24	145,06	200	54,76	54,94
SIH-CS-01	121220P009	007	2211121J032	091	BRASS	7,8	1418	11,0604	1310	10,218	10,15	10,22	100	89,85	89,78
SIH-CS-01	121220P009	025	2211121J032	092	BRASS	7,8	1418	11,0604	1310	10,218	10,15	10,15	100	89,85	89,85
SIH-CS-01	121220P009	009	2211121J032	093							10,56	10,89			
SIH-CS-01	121220P009	012	2211121J032	093							8,14	8,31			
SIH-CS-01	121220P009	014	2211121J032	093							10,64	10,65			
SIH-CS-01	121220P009	029	2211121J032	093							10,62	10,65			
SIH-CS-01	121220P009	031	2211121J032	093							10,76	10,81			
SIH-CS-01	121220P005	023	2211121J032	095	SST	110	1446	159,06	1330	146,3	146,63	146,79	500	353,37	353,21
SIH-CS-01	121220P005	024	2211121J032	096	SST	110	1446	159,06	1330	146,3	146,11	146,29	500	353,89	353,71
SIH-CS-01	121220P006	002	2211121J032	097	SST	110	1451	159,61	1330	146,3	145,98	146,14	500	354,02	353,86
SIH-CS-01	121220P006	015	2211121J032	098	SST	110	1451	159,61	1330	146,3	145,98	146,10	500	354,02	353,90
SIH-CS-01	121220P006	022	2211121J032	099	SST	110	1451	159,61	1330	146,3	146,54	146,65	500	353,47	353,35
SIH-CS-01	121220P006	009	2211121J032	100	SST	110	1451	159,61	1330	146,3	146,92	146,85	500	353,08	353,15
SIH-CS-01	121220P009	024	2211121J032	101	SST	110	1418	155,98	1310	144,1	145,02	145,00	200	54,98	55,00
SIH-CS-01	121220P009	005	2211121J032	102	SST	110	1418	155,98	1310	144,1	144,70	144,86	200	55,30	55,14

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-01	121220P009	008	2211121J032	103	BRASS	7,8	1418	11,0604	1310	10,218	10,09	10,24	100	89,92	89,76
SIH-CS-01	121220P009	006	2211121J032	104							9,68	7,14			
SIH-CS-01	121220P009	006	2211121J032	104							6,99	7,14			
SIH-CS-01	121220P009	023	2211121J032	104							9,88	10,02			
SIH-CS-01	121220P005	025	2211121J032	106	SST	110	1446	159,06	1330	146,3	146,11	146,26	500	353,89	353,74
SIH-CS-01	121220P005	012	2211121J032	107	SST	110	1446	159,06	1330	146,3	145,98	146,17	500	354,02	353,83
SIH-CS-01	121220P006	003	2211121J032	108	SST	110	1451	159,61	1330	146,3	146,65	146,78	500	353,35	353,22
SIH-CS-01	121220P006	016	2211121J032	109	SST	110	1451	159,61	1330	146,3	145,84	145,92	500	354,16	354,08
SIH-CS-01	121220P006	023	2211121J032	110	SST	110	1451	159,61	1330	146,3	146,31	146,36	500	353,69	353,64
SIH-CS-01	121220P006	010	2211121J032	111	SST	110	1451	159,61	1330	146,3	146,31	146,38	500	353,69	353,62
SIH-CS-01	121220P006	025	2211121J032	112	SST	110	1451	159,61	1330	146,3	147,30	147,27	500	352,70	352,73
SIH-CS-01	121220P009	027	2211121J032	113	BRASS	7,8	1418	11,0604	1310	10,218	10,02	10,09	100	89,98	89,91
SIH-CS-01	121220P009	004	2211121J032	114	SST	110	1418	155,98	1310	144,1	144,63	144,53	200	55,37	55,47
SIH-CS-01	121220P005	013	2211121J032	115					1330	0	4,17	4,34			
SIH-CS-01	121220P006	004	2211121J032	116	SST	110	1451	159,61	1330	146,3	146,45	146,57	500	353,55	353,43
SIH-CS-01	121220P006	017	2211121J032	117	SST	110	1451	159,61	1330	146,3	146,52	146,65	500	353,49	353,35
SIH-CS-01	121220P006	024	2211121J032	118	SST	110	1451	159,61	1330	146,3	146,78	146,83	500	353,22	353,17
SIH-CS-01	121220P006	011	2211121J032	119	SST	110	1451	159,61	1330	146,3	146,18	146,19	500	353,82	353,81
SIH-CS-01	121220P006	012	2211121J032	120	SST	110	1451	159,61	1330	146,3	146,65	146,52	500	353,35	353,48
SIH-CS-01	121220P009	022	2211121J032	121	SST	110	1418	155,98	1310	144,1	144,57	144,52	200	55,44	55,48
SIH-CS-01	121220P006	013	2211121J032	122							4,24	4,36			
SIH-CS-02	121220P004	013	2211121J031	005							4,24	4,44			
SIH-CS-02	121220P004	022	2211121J031	009	SST	110	1454	159,94	1325	145,75	149,81	149,95	500	350,19	350,05
SIH-CS-02	121220P004	005	2211121J031	010	SST	110	1454	159,94	1325	145,75	149,02	149,22	500	350,98	350,78
SIH-CS-02	121220P004	018	2211121J031	011	SST	110	1454	159,94	1325	145,75	149,47	149,61	500	350,53	350,39
SIH-CS-02	121220P004	014	2211121J031	012	SST	110	1454	159,94	1325	145,75	149,47	149,40	500	350,53	350,60
SIH-CS-02	121220P004	001	2211121J031	013	SST	110	1454	159,94	1325	145,75	149,94	149,95	500	350,06	350,05
SIH-CS-02	121220P004	024	2211121J031	016	SST	110	1454	159,94	1325	145,75	149,47	149,56	500	350,53	350,44
SIH-CS-02	121220P004	009	2211121J031	017	SST	110	1454	159,94	1325	145,75	149,54	149,58	500	350,46	350,42
SIH-CS-02	121220P004	023	2211121J031	018	SST	110	1454	159,94	1325	145,75	149,61	149,69	500	350,39	350,31
SIH-CS-02	121220P004	006	2211121J031	019	SST	110	1454	159,94	1325	145,75	149,61	149,69	500	350,39	350,31
SIH-CS-02	121220P004	015	2211121J031	020	SST	110	1454	159,94	1325	145,75	149,54	149,48	500	350,46	350,52
SIH-CS-02	121220P004	002	2211121J031	021	SST	110	1454	159,94	1325	145,75	150,01	150,09	500	349,99	349,91

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-02	121220P001	025	2211121J031	022	SST	110	1463	160,93	1320	145,2	151,09	151,24	500	348,91	348,76
SIH-CS-02	121220P001	022	2211121J031	023	SST	110	1463	160,93	1320	145,2	149,88	150,08	500	350,12	349,92
SIH-CS-02	121220P003	020	2211121J031	026	SST	110	1465	161,15	1315	144,65	148,47	148,60	500	351,54	351,40
SIH-CS-02	121220P004	011	2211121J031	027	SST	110	1454	159,94	1325	145,75	149,07	149,11	500	350,93	350,89
SIH-CS-02	121220P004	010	2211121J031	028	SST	110	1454	159,94	1325	145,75	149,27	149,41	500	350,73	350,59
SIH-CS-02	121220P004	019	2211121J031	029	SST	110	1454	159,94	1325	145,75	149,41	149,44	500	350,59	350,56
SIH-CS-02	121220P004	007	2211121J031	030	SST	110	1454	159,94	1325	145,75	149,81	149,94	500	350,19	350,06
SIH-CS-02	121220P004	003	2211121J031	031	SST	110	1454	159,94	1325	145,75	149,34	149,47	500	350,66	350,53
SIH-CS-02	121220P001	012	2211121J031	032	SST	110	1463	160,93	1320	145,2	150,42	150,52	500	349,59	349,48
SIH-CS-02	121220P001	023	2211121J031	033	SST	110	1463	160,93	1320	145,2	149,94	150,13	500	350,06	349,87
SIH-CS-02	121220P001	009	2211121J031	034	SST	110	1463	160,93	1320	145,2	150,33	150,61	500	349,67	349,39
SIH-CS-02	121220P003	013	2211121J031	036							6,25	6,40			
SIH-CS-02	121220P003	007	2211121J031	037	SST	110	1465	161,15	1315	144,65	148,28	148,42	500	351,72	351,58
SIH-CS-02	121220P003	021	2211121J031	038	SST	110	1465	161,15	1315	144,65	148,53	148,72	500	351,47	351,28
SIH-CS-02	121220P004	012	2211121J031	039	SST	110	1454	159,94	1325	145,75	148,87	148,93	500	351,13	351,07
SIH-CS-02	121220P004	025	2211121J031	040	SST	110	1454	159,94	1325	145,75	149,23	149,22	500	350,78	350,78
SIH-CS-02	121220P004	020	2211121J031	041	SST	110	1454	159,94	1325	145,75	148,80	148,90	500	351,20	351,10
SIH-CS-02	121220P004	004	2211121J031	042	SST	110	1454	159,94	1325	145,75	150,01	150,11	500	349,99	349,89
SIH-CS-02	121220P004	016	2211121J031	043	SST	110	1454	159,94	1325	145,75	149,94	149,94	500	350,06	350,06
SIH-CS-02	121220P001	024	2211121J031	044	SST	110	1463	160,93	1320	145,2	151,02	151,14	500	348,98	348,86
SIH-CS-02	121220P001	010	2211121J031	045	SST	110	1463	160,93	1320	145,2	150,15	150,33	500	349,85	349,67
SIH-CS-02	121220P001	018	2211121J031	046	SST	110	1463	160,93	1320	145,2	150,35	150,52	500	349,65	349,48
SIH-CS-02	121220P001	013	2211121J031	047											
SIH-CS-02	121220P003	022	2211121J031	048	SST	110	1465	161,15	1315	144,65	148,87	148,95	500	351,13	351,05
SIH-CS-02	121220P003	008	2211121J031	049	SST	110	1465	161,15	1315	144,65	148,42	148,48	500	351,58	351,52
SIH-CS-02	121220P003	024	2211121J031	050	SST	110	1465	161,15	1315	144,65	148,60	148,68	500	351,40	351,32
SIH-CS-02	121220P003	012	2211121J031	051	SST	110	1465	161,15	1315	144,65	149,47	149,54	500	350,53	350,46
SIH-CS-02	121220P004	008	2211121J031	052	SST	110	1454	159,94	1325	145,75	150,06	150,21	500	349,94	349,79
SIH-CS-02	121220P004	021	2211121J031	053	SST	110	1454	159,94	1325	145,75	149,14	149,34	500	350,86	350,66
SIH-CS-02	121220P004	017	2211121J031	054	SST	110	1454	159,94	1325	145,75	149,88	149,97	500	350,12	350,03
SIH-CS-02	121220P002	005	2211121J031	055	SST	110	1472	161,92	1305	143,55	147,52	147,80	500	352,48	352,20
SIH-CS-02	121220P001	011	2211121J031	056	SST	110	1463	160,93	1320	145,2	150,68	150,85	500	349,32	349,15
SIH-CS-02	121220P001	019	2211121J031	057	SST	110	1463	160,93	1320	145,2	150,62	150,88	500	349,38	349,12
SIH-CS-02	121220P001	005	2211121J031	058	SST	110	1463	160,93	1320	145,2	151,09	151,34	500	348,91	348,66

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-02	121220P003	023	2211121J031	059	SST	110	1465	161,15	1315	144,65	148,40	148,91	500	351,60	351,09
SIH-CS-02	121220P003	009	2211121J031	060	SST	110	1465	161,15	1315	144,65	149,07	149,20	500	350,93	350,80
SIH-CS-02	121220P003	011	2211121J031	061	SST	110	1465	161,15	1315	144,65	149,21	149,26	500	350,80	350,74
SIH-CS-02	121220P003	025	2211121J031	062	SST	110	1465	161,15	1315	144,65	148,53	148,55	500	351,47	351,45
SIH-CS-02	121220P003	005	2211121J031	063	SST	110	1465	161,15	1315	144,65	148,26	148,39	500	351,74	351,61
SIH-CS-02	121220P002	018	2211121J031	066	SST	110	1472	161,92	1305	143,55	147,73	147,95	500	352,27	352,05
SIH-CS-02	121220P002	006	2211121J031	067	SST	110	1472	161,92	1305	143,55	148,47	148,60	500	351,54	351,40
SIH-CS-02	121220P001	006	2211121J031	068	SST	110	1463	160,93	1320	145,2	150,01	150,65	500	349,99	349,35
SIH-CS-02	121220P001	020	2211121J031	069	SST	110	1463	160,93	1320	145,2	151,13	151,26	500	348,87	348,74
SIH-CS-02	121220P001	021	2211121J031	070	SST	110	1463	160,93	1320	145,2	149,94	150,14	500	350,06	349,86
SIH-CS-02	121220P003	010	2211121J031	071	SST	110	1465	161,15	1315	144,65	148,60	148,70	500	351,40	351,30
SIH-CS-02	121220P007	008	2211121J031	072	SST	110	1483	163,13	1320	145,2	148,73	148,93	500	351,27	351,07
SIH-CS-02	121220P003	019	2211121J031	073	SST	110	1465	161,15	1315	144,65	148,40	148,40	500	351,60	351,60
SIH-CS-02	121220P003	006	2211121J031	074	SST	110	1465	161,15	1315	144,65	148,60	148,64	500	351,40	351,36
SIH-CS-02	121220P003	018	2211121J031	075	SST	110	1465	161,15	1315	144,65	148,67	148,68	500	351,33	351,32
SIH-CS-02	121220P002	020	2211121J031	076	SST	110	1472	161,92	1305	143,55	147,46	147,63	500	352,54	352,37
SIH-CS-02	121220P002	007	2211121J031	077	SST	110	1472	161,92	1305	143,55	147,77	148,03	500	352,23	351,97
SIH-CS-02	121220P002	019	2211121J031	078	SST	110	1472	161,92	1305	143,55	147,81	148,00	500	352,19	352,00
SIH-CS-02	121220P001	014	2211121J031	079	SST	110	1463	160,93	1320	145,2	151,16	151,30	500	348,85	348,70
SIH-CS-02	121220P001	007	2211121J031	080	SST	110	1463	160,93	1320	145,2	151,02	151,26	500	348,98	348,74
SIH-CS-02	121220P001	008	2211121J031	081	SST	110	1463	160,93	1320	145,2	150,55	150,68	500	349,45	349,32
SIH-CS-02	121220P007	013	2211121J031	082							12,24	12,43			
SIH-CS-02	121220P007	021	2211121J031	083	SST	110	1483	163,13	1320	145,2	148,60	149,14	500	351,40	350,86
SIH-CS-02	121220P007	018	2211121J031	084	SST	110	1483	163,13	1320	145,2	149,34	149,44	500	350,66	350,56
SIH-CS-02	121220P007	019	2211121J031	085	SST	110	1483	163,13	1320	145,2	148,67	148,79	500	351,33	351,21
SIH-CS-02	121220P002	001	2211121J031	086	SST	110	1472	161,92	1305	143,55	148,31	148,48	500	351,69	351,52
SIH-CS-02	121220P002	014	2211121J031	087	SST	110	1472	161,92	1305	143,55	148,40	148,51	500	351,60	351,49
SIH-CS-02	121220P002	021	2211121J031	088	SST	110	1472	161,92	1305	143,55	148,06	148,19	500	351,94	351,81
SIH-CS-02	121220P002	008	2211121J031	089	SST	110	1472	161,92	1305	143,55	148,40	148,51	500	351,60	351,49
SIH-CS-02	121220P001	001	2211121J031	090	SST	110	1463	160,93	1320	145,2	151,63	151,72	500	348,38	348,28
SIH-CS-02	121220P001	016	2211121J031	091	SST	110	1463	160,93	1320	145,2	150,95	151,05	500	349,05	348,95
SIH-CS-02	121220P001	003	2211121J031	092	SST	110	1463	160,93	1320	145,2	150,82	151,02	500	349,18	348,98
SIH-CS-02	121220P007	005	2211121J031	095	SST	110	1483	163,13	1320	145,2	148,33	148,89	500	351,67	351,11
SIH-CS-02	121220P007	006	2211121J031	096	SST	110	1483	163,13	1320	145,2	148,87	149,04	500	351,13	350,96

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-02	121220P002	002	2211121J031	097	SST	110	1472	161,92	1305	143,55	147,93	148,15	500	352,07	351,85
SIH-CS-02	121220P002	015	2211121J031	098	SST	110	1472	161,92	1305	143,55	147,86	147,90	500	352,14	352,10
SIH-CS-02	121220P002	022	2211121J031	099	SST	110	1472	161,92	1305	143,55	148,73	148,84	500	351,27	351,16
SIH-CS-02	121220P002	009	2211121J031	100	SST	110	1472	161,92	1305	143,55	148,60	148,72	500	351,40	351,28
SIH-CS-02	121220P001	015	2211121J031	101	SST	110	1463	160,93	1320	145,2	150,82	151,01	500	349,18	348,99
SIH-CS-02	121220P001	002	2211121J031	102	SST	110	1463	160,93	1320	145,2	150,35	150,60	500	349,65	349,40
SIH-CS-02	121220P001	004	2211121J031	103	SST	110	1463	160,93	1320	145,2	150,87	151,12	500	349,14	348,88
SIH-CS-02	121220P007	020	2211121J031	106	SST	110	1483	163,13	1320	145,2	148,47	148,56	500	351,54	351,44
SIH-CS-02	121220P007	007	2211121J031	107	SST	110	1483	163,13	1320	145,2	149,05	149,26	500	350,95	350,74
SIH-CS-02	121220P002	003	2211121J031	108	SST	110	1472	161,92	1305	143,55	148,00	148,22	500	352,01	351,78
SIH-CS-02	121220P002	016	2211121J031	109	SST	110	1472	161,92	1305	143,55	148,06	148,21	500	351,94	351,79
SIH-CS-02	121220P002	023	2211121J031	110	SST	110	1472	161,92	1305	143,55	148,67	148,71	500	351,33	351,29
SIH-CS-02	121220P002	010	2211121J031	111	SST	110	1472	161,92	1305	143,55	148,60	148,71	500	351,40	351,29
SIH-CS-02	121220P002	025	2211121J031	112	SST	110	1472	161,92	1305	143,55	149,00	149,12	500	351,00	350,88
SIH-CS-02	121220P001	017	2211121J031	113	SST	110	1463	160,93	1320	145,2	150,89	150,99	500	349,11	349,01
SIH-CS-02	121220P002	004	2211121J031	116	SST	110	1472	161,92	1305	143,55	148,00	148,15	500	352,01	351,85
SIH-CS-02	121220P002	017	2211121J031	117	SST	110	1472	161,92	1305	143,55	147,79	147,87	500	352,21	352,13
SIH-CS-02	121220P002	024	2211121J031	118	SST	110	1472	161,92	1305	143,55	148,78	148,86	500	351,22	351,14
SIH-CS-02	121220P002	011	2211121J031	119	SST	110	1472	161,92	1305	143,55	149,18	149,26	500	350,82	350,74
SIH-CS-02	121220P002	012	2211121J031	120	SST	110	1472	161,92	1305	143,55	148,73	148,79	500	351,27	351,21
SIH-CS-02	121220P002	013	2211121J031	128					1305		4,17	4,37			
SIH-CS-03	121210P026	001	2211121J026	001							7,53	7,62			
SIH-CS-03	121210P026	004	2211121J026	001							7,46	7,73			
SIH-CS-03	121210P026	007	2211121J026	001							10,76	7,71			
SIH-CS-03	121210P026	010	2211121J026	001							7,53	10,88			
SIH-CS-03	121210P026	013	2211121J026	001							7,53	7,66			
SIH-CS-03	121210P026	021	2211121J026	001							7,53	7,80			
SIH-CS-03	121210P026	024	2211121J026	001							7,46	7,72			
SIH-CS-03	121210P026	027	2211121J026	001							7,60	7,68			
SIH-CS-03	121210P026	030	2211121J026	001							7,40	7,55			
SIH-CS-03	121210P026	033	2211121J026	001							7,33	7,70			
SIH-CS-03	121210P026	016	2211121J026	005							10,62	10,88			
SIH-CS-03	121210P026	036	2211121J026	005							8,61	8,83			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-03	121210P028	001	2211121J026	006							8,34	8,78			
SIH-CS-03	121210P028	004	2211121J026	006							8,61	8,68			
SIH-CS-03	121210P028	007	2211121J026	006							8,47	8,78			
SIH-CS-03	121210P028	021	2211121J026	006							8,47	8,67			
SIH-CS-03	121210P028	024	2211121J026	006							8,47	8,72			
SIH-CS-03	121210P028	028	2211121J026	006							8,67	8,56			
SIH-CS-03	121210P028	020	2211121J026	007	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,85	100	90,32	90,15
SIH-CS-03	121210P026	014	2211121J026	009	BRASS	7,8	1278	9,9684	1200	9,36	9,15	9,23	200	190,86	190,77
SIH-CS-03	121210P026	006	2211121J026	010	BRASS	7,8	1278	9,9684	1200	9,36	9,15	9,29	100	90,86	90,71
SIH-CS-03	121210P026	025	2211121J026	011	BRASS	7,8	1278	9,9684	1200	9,36	9,14	9,27	100	90,86	90,73
SIH-CS-03	121210P026	015	2211121J026	012	SST	110	1278	140,58	1200	132	132,45	132,54	200	67,55	67,46
SIH-CS-03	121210P026	034	2211121J026	013	SST	110	1278	140,58	1200	132	132,45	132,54	200	67,55	67,46
SIH-CS-03	121210P028	002	2211121J026	014	BRASS	7,8	1366	10,6548	1270	9,906	9,82	9,93	100	90,18	90,07
SIH-CS-03	121210P026	009	2211121J026	016	BRASS	7,8	1278	9,9684	1200	9,36	9,01	9,18	100	90,99	90,82
SIH-CS-03	121210P026	032	2211121J026	017	BRASS	7,8	1278	9,9684	1200	9,36	9,14	9,27	200	190,86	190,73
SIH-CS-03	121210P026	031	2211121J026	018	BRASS	7,8	1278	9,9684	1200	9,36	9,01	9,19	200	190,99	190,81
SIH-CS-03	121210P026	026	2211121J026	019	BRASS	7,8	1278	9,9684	1200	9,36	9,14	9,23	100	90,86	90,77
SIH-CS-03	121210P026	035	2211121J026	020	SST	110	1278	140,58	1200	132	131,31	131,39	200	68,69	68,61
SIH-CS-03	121210P026	017	2211121J026	021	SST	110	1278	140,58	1200	132	131,26	131,39	200	68,74	68,61
SIH-CS-03	121210P028	027	2211121J026	022	BRASS	7,8	1366	10,6548	1270	9,906	9,55	9,72	200	190,45	190,28
SIH-CS-03	121210P028	023	2211121J026	023	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,82	100	90,32	90,18
SIH-CS-03	121210P028	003	2211121J026	024	BRASS	7,8	1366	10,6548	1270	9,906	9,75	9,86	100	90,25	90,14
SIH-CS-03	121210P025	020	2211121J026	026	BRASS	7,8	1297	10,1166	1205	9,399	9,15	9,32	100	90,86	90,68
SIH-CS-03	121210P026	028	2211121J026	027	BRASS	7,8	1278	9,9684	1200	9,36	8,94	9,11	100	91,06	90,89
SIH-CS-03	121210P026	012	2211121J026	028	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,20	200	190,92	190,80
SIH-CS-03	121210P026	008	2211121J026	029	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,25	100	90,92	90,75
SIH-CS-03	121210P026	005	2211121J026	030	BRASS	7,8	1278	9,9684	1200	9,36	9,14	9,35	100	90,86	90,65
SIH-CS-03	121210P026	037	2211121J026	031	SST	110	1278	140,58	1200	132	131,71	131,82	200	68,29	68,18
SIH-CS-03	121210P028	009	2211121J026	032	BRASS	7,8	1366	10,6548	1270	9,906	9,62	9,79	200	190,39	190,21
SIH-CS-03	121210P028	006	2211121J026	033	BRASS	7,8	1366	10,6548	1270	9,906	9,62	9,72	100	90,39	90,28
SIH-CS-03	121210P028	005	2211121J026	034	BRASS	7,8	1366	10,6548	1270	9,906	9,75	9,86	100	90,25	90,14
SIH-CS-03	121210P028	022	2211121J026	035	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,85	100	90,32	90,15
SIH-CS-03	121210P025	001	2211121J026	036							7,26	7,53			
SIH-CS-03	121210P025	004	2211121J026	036							7,40	7,61			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-03	121210P025	007	2211121J026	036							7,33	7,58			
SIH-CS-03	121210P025	010	2211121J026	036							10,42	10,58			
SIH-CS-03	121210P025	013	2211121J026	036							7,19	7,54			
SIH-CS-03	121210P025	021	2211121J026	036							7,33	7,57			
SIH-CS-03	121210P025	024	2211121J026	036							7,33	7,50			
SIH-CS-03	121210P025	027	2211121J026	036							7,40	7,51			
SIH-CS-03	121210P025	030	2211121J026	036							7,33	7,47			
SIH-CS-03	121210P025	033	2211121J026	036							7,33	7,44			
SIH-CS-03	121210P025	002	2211121J026	037	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,25	100	90,92	90,75
SIH-CS-03	121210P025	003	2211121J026	038	BRASS	7,8	1297	10,1166	1205	9,399	9,14	9,29	100	90,86	90,71
SIH-CS-03	121210P026	029	2211121J026	039	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,18	200	190,92	190,82
SIH-CS-03	121210P026	011	2211121J026	040	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,21	200	190,92	190,79
SIH-CS-03	121210P026	023	2211121J026	041	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,18	100	90,92	90,82
SIH-CS-03	121210P026	020	2211121J026	042	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,18	100	90,92	90,82
SIH-CS-03	121210P026	018	2211121J026	043	SST	110	1278	140,58	1200	132	131,58	131,63	200	68,42	68,37
SIH-CS-03	121210P028	026	2211121J026	044	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,80	200	190,32	190,20
SIH-CS-03	121210P028	025	2211121J026	045	BRASS	7,8	1366	10,6548	1270	9,906	9,62	9,73	100	90,39	90,27
SIH-CS-03	121210P028	018	2211121J026	046	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,78	200	190,32	190,22
SIH-CS-03	121210P025	023	2211121J026	048	BRASS	7,8	1297	10,1166	1205	9,399	9,01	9,15	100	90,99	90,85
SIH-CS-03	121210P025	022	2211121J026	049	BRASS	7,8	1297	10,1166	1205	9,399	9,15	9,32	100	90,86	90,68
SIH-CS-03	121210P025	026	2211121J026	050	BRASS	7,8	1297	10,1166	1205	9,399	9,01	9,18	100	90,99	90,82
SIH-CS-03	121210P025	028	2211121J026	051	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,23	100	90,92	90,77
SIH-CS-03	121210P026	022	2211121J026	052	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,27	100	90,92	90,73
SIH-CS-03	121210P026	003	2211121J026	053	BRASS	7,8	1278	9,9684	1200	9,36	9,14	9,30	100	90,86	90,70
SIH-CS-03	121210P026	002	2211121J026	054	BRASS	7,8	1278	9,9684	1200	9,36	9,08	9,31	100	90,92	90,69
SIH-CS-03	121210P028	029	2211121J026	055	SST	110	1366	150,26	1270	139,7	139,79	139,97	200	60,21	60,03
SIH-CS-03	121210P028	008	2211121J026	056	BRASS	7,8	1366	10,6548	1270	9,906	9,55	9,73	200	190,45	190,27
SIH-CS-03	121210P028	035	2211121J026	057	BRASS	7,8	1366	10,6548	1270	9,906	9,75	9,88	200	190,25	190,12
SIH-CS-03	121210P028	037	2211121J026	058	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,84	200	190,32	190,16
SIH-CS-03	121210P025	006	2211121J026	059	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,26	100	90,92	90,74
SIH-CS-03	121210P025	005	2211121J026	060	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,29	100	90,92	90,71
SIH-CS-03	121210P025	008	2211121J026	061	BRASS	7,8	1297	10,1166	1205	9,399	9,14	9,27	100	90,86	90,73
SIH-CS-03	121210P025	009	2211121J026	062	BRASS	7,8	1297	10,1166	1205	9,399	9,21	9,35	100	90,79	90,65
SIH-CS-03	121210P025	011	2211121J026	063	BRASS	7,8	1297	10,1166	1205	9,399	9,01	9,18	200	190,99	190,82

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-03	121210P027	001	2211121J026	064							8,47	8,63			
SIH-CS-03	121210P027	004	2211121J026	064							8,47	8,63			
SIH-CS-03	121210P027	007	2211121J026	064							8,47	8,62			
SIH-CS-03	121210P027	021	2211121J026	064							8,47	8,62			
SIH-CS-03	121210P027	024	2211121J026	064							8,47	8,63			
SIH-CS-03	121210P027	028	2211121J026	064							8,54	8,56			
SIH-CS-03	121210P028	011	2211121J026	065							8,00	8,21			
SIH-CS-03	121210P028	010	2211121J026	066	SST	110	1366	150,26	1270	139,7	139,66	139,81	200	60,34	60,19
SIH-CS-03	121210P028	012	2211121J026	067	SST	110	1366	150,26	1270	139,7	140,62	140,75	200	59,38	59,25
SIH-CS-03	121210P028	017	2211121J026	068	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,80	200	190,32	190,20
SIH-CS-03	121210P028	034	2211121J026	069	BRASS	7,8	1366	10,6548	1270	9,906	9,62	9,74	100	90,39	90,26
SIH-CS-03	121210P028	014	2211121J026	070	BRASS	7,8	1366	10,6548	1270	9,906	9,75	9,84	100	90,25	90,16
SIH-CS-03	121210P025	025	2211121J026	071	BRASS	7,8	1297	10,1166	1205	9,399	9,01	9,17	100	90,99	90,83
SIH-CS-03	121210P025	032	2211121J026	072	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,19	200	190,92	190,81
SIH-CS-03	121210P025	012	2211121J026	073	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,21	200	190,92	190,79
SIH-CS-03	121210P025	031	2211121J026	074	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,28	200	190,92	190,72
SIH-CS-03	121210P025	029	2211121J026	075	BRASS	7,8	1297	10,1166	1205	9,399	9,08	9,19	200	190,92	190,81
SIH-CS-03	121210P027	026	2211121J026	076	BRASS	7,8	1322	10,3116	1225	9,555	9,28	9,42	200	190,72	190,58
SIH-CS-03	121210P027	008	2211121J026	077	BRASS	7,8	1322	10,3116	1225	9,555	9,28	9,47	200	190,72	190,53
SIH-CS-03	121210P028	030	2211121J026	078	SST	110	1366	150,26	1270	139,7	140,40	140,49	200	59,60	59,51
SIH-CS-03	121210P028	031	2211121J026	079	SST	110	1366	150,26	1270	139,7	140,33	140,47	200	59,67	59,53
SIH-CS-03	121210P028	015	2211121J026	080	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,87	100	90,32	90,13
SIH-CS-03	121210P028	032	2211121J026	081	BRASS	7,8	1366	10,6548	1270	9,906	9,68	9,81	100	90,32	90,19
SIH-CS-03	121210P025	014	2211121J026	083	BRASS	7,8	1297	10,1166	1205	9,399	9,15	9,23	200	190,86	190,77
SIH-CS-03	121210P025	015	2211121J026	084	SST	110	1297	142,67	1205	132,55	130,57	130,73	200	69,43	69,27
SIH-CS-03	121210P025	035	2211121J026	085	SST	110	1297	142,67	1205	132,55	131,44	131,53	200	68,56	68,47
SIH-CS-03	121210P027	020	2211121J026	086	BRASS	7,8	1322	10,3116	1225	9,555	9,41	9,54	100	90,59	90,46
SIH-CS-03	121210P027	002	2211121J026	087	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,54	100	90,65	90,46
SIH-CS-03	121210P027	027	2211121J026	088	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,44	200	190,65	190,56
SIH-CS-03	121210P027	009	2211121J026	089	BRASS	7,8	1322	10,3116	1225	9,555	9,28	9,40	200	190,72	190,60
SIH-CS-03	121210P028	013	2211121J026	090		110	1366	150,26	1270	139,7	140,53	140,63	200	59,47	59,37
SIH-CS-03	121210P028	016	2211121J026	091							10,09	10,28			
SIH-CS-03	121210P028	019	2211121J026	091							10,15	10,23			
SIH-CS-03	121210P028	033	2211121J026	091							10,15	10,25			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-03	121210P028	036	2211121J026	091							10,16	10,25			
SIH-CS-03	121210P027	013	2211121J026	092	SST	110	1322	145,42	1225	134,75	135,82	135,85	200	64,18	64,15
SIH-CS-03	121210P027	011	2211121J026	093							8,07	8,17			
SIH-CS-03	121210P025	034	2211121J026	095	SST	110	1297	142,67	1205	132,55	130,57	130,72	200	69,43	69,28
SIH-CS-03	121210P025	017	2211121J026	096	SST	110	1297	142,67	1205	132,55	131,11	131,46	200	68,89	68,54
SIH-CS-03	121210P027	003	2211121J026	097	BRASS	7,8	1322	10,3116	1225	9,555	9,41	9,59	100	90,59	90,41
SIH-CS-03	121210P027	022	2211121J026	098	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,49	100	90,65	90,51
SIH-CS-03	121210P027	014	2211121J026	99	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,41	100	90,65	90,59
SIH-CS-03	121210P027	032	2211121J026	100	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,47	100	90,65	90,53
SIH-CS-03	121210P027	030	2211121J026	101	SST	110	1322	145,42	1225	134,75	135,57	135,69	200	64,43	64,31
SIH-CS-03	121210P027	012	2211121J026	102	SST	110	1322	145,42	1225	134,75	135,62	135,80	200	64,38	64,20
SIH-CS-03	121210P027	029	2211121J026	103	SST	110	1322	145,42	1225	134,75	135,82	135,96	200	64,18	64,04
SIH-CS-03	121210P027	031	2211121J026	104	SST	110	1322	145,42	1225	134,75	135,55	135,70	200	64,45	64,30
SIH-CS-03	121210P025	016	2211121J026	105							10,42	10,65			
SIH-CS-03	121210P025	036	2211121J026	105							8,47	8,65			
SIH-CS-03	121210P025	037	2211121J026	106	SST	110	1297	142,67	1205	132,55	131,78	131,85	200	68,22	68,15
SIH-CS-03	121210P025	018	2211121J026	107	SST	110	1297	142,67	1205	132,55	131,71	131,85	200	68,29	68,15
SIH-CS-03	121210P027	023	2211121J026	108	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,50	100	90,65	90,50
SIH-CS-03	121210P027	005	2211121J026	109	BRASS	7,8	1322	10,3116	1225	9,555	9,41	9,55	100	90,59	90,45
SIH-CS-03	121210P027	034	2211121J026	110	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,48	100	90,65	90,52
SIH-CS-03	121210P027	015	2211121J026	111	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,54	100	90,65	90,46
SIH-CS-03	121210P027	037	2211121J026	112	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,48	200	190,65	190,52
SIH-CS-03	121210P027	010	2211121J026	113		110	1322	145,42	1225	134,75	135,82	135,90	200	64,18	64,10
SIH-CS-03	121210P027	011	2211121J026	114							8,07	8,18			
SIH-CS-03	121210P027	011	2211121J026	114							8,07	8,18			
SIH-CS-03	121210P027	006	2211121J026	116	BRASS	7,8	1322	10,3116	1225	9,555	0,20	9,40	100	99,80	90,60
SIH-CS-03	121210P027	025	2211121J026	117	BRASS	7,8	1322	10,3116	1225	9,555	9,28	9,43	100	90,72	90,57
SIH-CS-03	121210P027	017	2211121J026	118	BRASS	7,8	1322	10,3116	1225	9,555	9,35	9,43	200	190,65	190,57
SIH-CS-03	121210P027	035	2211121J026	119	BRASS	7,8	1322	10,3116	1225	9,555	9,28	9,47	200	190,72	190,53
SIH-CS-03	121210P027	018	2211121J026	120	BRASS	7,8	1322	10,3116	1225	9,555	9,41	9,49	200	190,59	190,51
SIH-CS-03	121210P027	016	2211121J026	128							9,35	9,96			
SIH-CS-03	121210P027	019	2211121J026	128					1225		9,88	10,07			
SIH-CS-03	121210P027	033	2211121J026	128							9,88	10,06			
SIH-CS-03	121210P027	036	2211121J026	128							9,75	9,96			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-04	121210P021	013	2211121J022	004							4,236	4,40			
SIH-CS-04	121210P021	022	2211121J022	009	SST	110	1426	156,86	1280	140,8	141,54	141,72	500	358,46	358,28
SIH-CS-04	121210P021	005	2211121J022	010	SST	110	1426	156,86	1280	140,8	141,808	142,04	500	358,19	357,96
SIH-CS-04	121210P021	018	2211121J022	011	SST	110	1426	156,86	1280	140,8	141,741	142,24	500	358,26	357,76
SIH-CS-04	121210P021	014	2211121J022	012	SST	110	1426	156,86	1280	140,8	142,366	142,46	500	357,63	357,54
SIH-CS-04	121210P021	001	2211121J022	013	SST	110	1426	156,86	1280	140,8	141,674	141,78	500	358,33	358,22
SIH-CS-04	121210P021	024	2211121J022	016	SST	110	1426	156,86	1280	140,8	140,915	141,09	500	359,09	358,91
SIH-CS-04	121210P021	009	2211121J022	017	SST	110	1426	156,86	1280	140,8	140,867	141,05	500	359,13	358,95
SIH-CS-04	121210P021	023	2211121J022	018	SST	110	1426	156,86	1280	140,8	140,665	140,87	500	359,34	359,13
SIH-CS-04	121210P021	006	2211121J022	019	SST	110	1426	156,86	1280	140,8	141,338	141,40	500	358,66	358,60
SIH-CS-04	121210P021	015	2211121J022	020	SST	110	1426	156,86	1280	140,8	141,203	141,57	500	358,80	358,43
SIH-CS-04	121210P021	002	2211121J022	021	SST	110	1426	156,86	1280	140,8	141,607	141,83	500	358,39	358,17
SIH-CS-04	121210P022	025	2211121J022	022	SST	110	1412	155,32	1290	141,9	143,691	143,87	500	356,31	356,13
SIH-CS-04	121210P022	022	2211121J022	023	SST	110	1412	155,32	1290	141,9	144,047	144,23	500	355,95	355,77
SIH-CS-04	121210P024	001	2211121J022	026	SST	110	1411	155,21	1275	140,25	139,052	139,31	500	360,95	360,69
SIH-CS-04	121210P021	011	2211121J022	027	SST	110	1426	156,86	1280	140,8	140,733	140,91	500	359,27	359,09
SIH-CS-04	121210P021	010	2211121J022	028	SST	110	1426	156,86	1280	140,8	141,136	141,32	500	358,86	358,68
SIH-CS-04	121210P021	019	2211121J022	029	SST	110	1426	156,86	1280	140,8	141,876	141,96	500	358,12	358,04
SIH-CS-04	121210P021	007	2211121J022	030	SST	110	1426	156,86	1280	140,8	142,145	142,27	500	357,86	357,73
SIH-CS-04	121210P021	003	2211121J022	031	SST	110	1426	156,86	1280	140,8	141,876	142,07	500	358,12	357,93
SIH-CS-04	121210P022	012	2211121J022	032	SST	110	1412	155,32	1290	141,9	143,624	143,79	500	356,38	356,21
SIH-CS-04	121210P022	023	2211121J022	033	SST	110	1412	155,32	1290	141,9	143,47	143,67	500	356,53	356,33
SIH-CS-04	121210P022	009	2211121J022	034	SST	110	1412	155,32	1290	141,9	143,489	143,65	500	356,51	356,35
SIH-CS-04	121210P024	013	2211121J022	036							4,169	4,35			
SIH-CS-04	121210P024	014	2211121J022	037	SST	110	1411	155,21	1275	140,25	139,724	139,93	500	360,28	360,07
SIH-CS-04	121210P024	002	2211121J022	038	SST	110	1411	155,21	1275	140,25	139,522	139,77	500	360,48	360,23
SIH-CS-04	121210P021	012	2211121J022	039	SST	110	1426	156,86	1280	140,8	140,867	140,98	500	359,13	359,02
SIH-CS-04	121210P021	025	2211121J022	040	SST	110	1426	156,86	1280	140,8	141,271	141,35	500	358,73	358,65
SIH-CS-04	121210P021	020	2211121J022	041	SST	110	1426	156,86	1280	140,8	141,808	141,86	500	358,19	358,14
SIH-CS-04	121210P021	004	2211121J022	042	SST	110	1426	156,86	1280	140,8	141,741	142,00	500	358,26	358,00
SIH-CS-04	121210P021	016	2211121J022	043	SST	110	1426	156,86	1280	140,8	141,607	142,14	500	358,39	357,86
SIH-CS-04	121210P022	024	2211121J022	044	SST	110	1412	155,32	1290	141,9	143,826	144,01	500	356,17	355,99
SIH-CS-04	121210P022	010	2211121J022	045	SST	110	1412	155,32	1290	141,9	143,826	143,95	500	356,17	356,05

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-04	121210P022	018	2211121J022	046	SST	110	1412	155,32	1290	141,9	143,893	144,26	500	356,11	355,74
SIH-CS-04	121210P022	013	2211121J022	047							4,236	4,41			
SIH-CS-04	121210P024	003	2211121J022	048	SST	110	1411	155,21	1275	140,25	139,455	139,72	500	360,55	360,28
SIH-CS-04	121210P024	015	2211121J022	049	SST	110	1411	155,21	1275	140,25	139,321	139,49	500	360,68	360,51
SIH-CS-04	121210P024	005	2211121J022	050	SST	110	1411	155,21	1275	140,25	140,396	140,57	500	359,60	359,43
SIH-CS-04	121210P024	019	2211121J022	051	SST	110	1411	155,21	1275	140,25	140,483	140,63	500	359,52	359,37
SIH-CS-04	121210P021	008	2211121J022	052	SST	110	1426	156,86	1280	140,8	141,405	141,55	500	358,60	358,45
SIH-CS-04	121210P021	021	2211121J022	053	SST	110	1426	156,86	1280	140,8	141,674	141,84	500	358,33	358,16
SIH-CS-04	121210P021	017	2211121J022	054	SST	110	1426	156,86	1280	140,8	141,607	141,77	500	358,39	358,23
SIH-CS-04	121210P023	005	2211121J022	055	SST	110	1401	154,11	1290	141,9	143,489	143,80	500	356,51	356,20
SIH-CS-04	121210P022	011	2211121J022	056	SST	110	1412	155,32	1290	141,9	144,565	144,71	500	355,44	355,29
SIH-CS-04	121210P022	019	2211121J022	057	SST	110	1412	155,32	1290	141,9	143,96	144,12	500	356,04	355,88
SIH-CS-04	121210P022	005	2211121J022	058	SST	110	1412	155,32	1290	141,9	143,624	143,94	500	356,38	356,06
SIH-CS-04	121210P024	004	2211121J022	059	SST	110	1411	155,21	1275	140,25	139,186	139,45	500	360,81	360,55
SIH-CS-04	121210P024	016	2211121J022	060	SST	110	1411	155,21	1275	140,25	139,186	139,41	500	360,81	360,59
SIH-CS-04	121210P024	018	2211121J022	061	SST	110	1411	155,21	1275	140,25	140,262	140,42	500	359,74	359,58
SIH-CS-04	121210P024	006	2211121J022	062	SST	110	1411	155,21	1275	140,25	139,926	140,16	500	360,07	359,84
SIH-CS-04	121210P024	020	2211121J022	063	SST	110	1411	155,21	1275	140,25	140,127	140,25	500	359,87	359,75
SIH-CS-04	121210P023	018	2211121J022	066	SST	110	1401	154,11	1290	141,9	143,826	143,97	500	356,17	356,03
SIH-CS-04	121210P023	006	2211121J022	067	SST	110	1401	154,11	1290	141,9	143,288	143,43	500	356,71	356,57
SIH-CS-04	121210P022	006	2211121J022	068	SST	110	1412	155,32	1290	141,9	144,095	144,24	500	355,91	355,76
SIH-CS-04	121210P022	020	2211121J022	069	SST	110	1412	155,32	1290	141,9	143,893	144,00	500	356,11	356,00
SIH-CS-04	121210P022	021	2211121J022	070	SST	110	1412	155,32	1290	141,9	143,086	143,64	500	356,91	356,36
SIH-CS-04	121210P024	017	2211121J022	071	SST	110	1411	155,21	1275	140,25	139,993	140,24	500	360,01	359,76
SIH-CS-04	121210P024	009	2211121J022	072	SST	110	1411	155,21	1275	140,25	139,926	140,16	500	360,07	359,84
SIH-CS-04	121210P024	008	2211121J022	073	SST	110	1411	155,21	1275	140,25	139,926	140,11	500	360,07	359,89
SIH-CS-04	121210P024	021	2211121J022	074	SST	110	1411	155,21	1275	140,25	140,195	140,34	500	359,81	359,66
SIH-CS-04	121210P024	007	2211121J022	075	SST	110	1411	155,21	1275	140,25	140,665	140,82	500	359,34	359,18
SIH-CS-04	121210P023	020	2211121J022	076	SST	110	1401	154,11	1290	141,9	143,375	143,61	500	356,63	356,39
SIH-CS-04	121210P023	007	2211121J022	077	SST	110	1401	154,11	1290	141,9	143,019	143,28	500	356,98	356,72
SIH-CS-04	121210P023	019	2211121J022	078	SST	110	1401	154,11	1290	141,9	143,489	143,60	500	356,51	356,40
SIH-CS-04	121210P022	014	2211121J022	079	SST	110	1412	155,32	1290	141,9	144,316	144,78	500	355,68	355,22
SIH-CS-04	121210P022	007	2211121J022	080	SST	110	1412	155,32	1290	141,9	144,364	144,57	500	355,64	355,43
SIH-CS-04	121210P022	008	2211121J022	081	SST	110	1412	155,32	1290	141,9	143,893	144,07	500	356,11	355,93

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-04	121210P024	022	2211121J022	083	SST	110	1411	155,21	1275	140,25	139,676	139,82	500	360,32	360,18
SIH-CS-04	121210P024	010	2211121J022	084	SST	110	1411	155,21	1275	140,25	139,724	139,92	500	360,28	360,08
SIH-CS-04	121210P024	011	2211121J022	085	SST	110	1411	155,21	1275	140,25	140,06	140,23	500	359,94	359,77
SIH-CS-04	121210P023	001	2211121J022	086	SST	110	1401	154,11	1290	141,9	142,212	142,43	500	357,79	357,57
SIH-CS-04	121210P023	014	2211121J022	087	SST	110	1401	154,11	1290	141,9	142,414	142,89	500	357,59	357,11
SIH-CS-04	121210P023	021	2211121J022	088	SST	110	1401	154,11	1290	141,9	143,893	144,08	500	356,11	355,92
SIH-CS-04	121210P023	008	2211121J022	089	SST	110	1401	154,11	1290	141,9	143,422	143,58	500	356,58	356,42
SIH-CS-04	121210P022	001	2211121J022	090	SST	110	1412	155,32	1290	141,9	144,633	144,78	500	355,37	355,22
SIH-CS-04	121210P022	016	2211121J022	091	SST	110	1412	155,32	1290	141,9	144,633	144,77	500	355,37	355,23
SIH-CS-04	121210P022	003	2211121J022	092	SST	110	1412	155,32	1290	141,9	144,162	144,31	500	355,84	355,69
SIH-CS-04	121210P024	023	2211121J022	095	SST	110	1411	155,21	1275	140,25	140,281	140,42	500	359,72	359,58
SIH-CS-04	121210P024	024	2211121J022	096	SST	110	1411	155,21	1275	140,25	139,791	139,98	500	360,21	360,02
SIH-CS-04	121210P023	002	2211121J022	097	SST	110	1401	154,11	1290	141,9	141,923	142,17	500	358,08	357,83
SIH-CS-04	121210P023	015	2211121J022	098	SST	110	1401	154,11	1290	141,9	142,231	142,33	500	357,77	357,67
SIH-CS-04	121210P023	022	2211121J022	099	SST	110	1401	154,11	1290	141,9	142,683	142,87	500	357,32	357,13
SIH-CS-04	121210P023	009	2211121J022	100	SST	110	1401	154,11	1290	141,9	143,288	143,50	500	356,71	356,50
SIH-CS-04	121210P022	015	2211121J022	101	SST	110	1412	155,32	1290	141,9	144,633	144,88	500	355,37	355,12
SIH-CS-04	121210P022	002	2211121J022	102	SST	110	1412	155,32	1290	141,9	143,758	144,27	500	356,24	355,73
SIH-CS-04	121210P022	004	2211121J022	103	SST	110	1412	155,32	1290	141,9	144,411	144,68	500	355,59	355,32
SIH-CS-04	121210P024	025	2211121J022	106	SST	110	1411	155,21	1275	140,25	140,396	140,44	500	359,60	359,56
SIH-CS-04	121210P024	012	2211121J022	107	SST	110	1411	155,21	1275	140,25	139,657	139,87	500	360,34	360,13
SIH-CS-04	121210P023	003	2211121J022	108	SST	110	1401	154,11	1290	141,9	142,097	142,23	500	357,90	357,77
SIH-CS-04	121210P023	016	2211121J022	109	SST	110	1401	154,11	1290	141,9	142,433	142,52	500	357,57	357,48
SIH-CS-04	121210P023	023	2211121J022	110	SST	110	1401	154,11	1290	141,9	143,691	143,86	500	356,31	356,14
SIH-CS-04	121210P023	010	2211121J022	111	SST	110	1401	154,11	1290	141,9	143,268	143,47	500	356,73	356,53
SIH-CS-04	121210P023	025	2211121J022	112	SST	110	1401	154,11	1290	141,9	142,952	143,15	500	357,05	356,85
SIH-CS-04	121210P022	017	2211121J022	113	SST	110	1412	155,32	1290	141,9	144,767	144,88	500	355,23	355,12
SIH-CS-04	121210P023	004	2211121J022	116	SST	110	1401	154,11	1290	141,9	142,279	142,44	500	357,72	357,56
SIH-CS-04	121210P023	017	2211121J022	117	SST	110	1401	154,11	1290	141,9	142,01	142,15	500	357,99	357,85
SIH-CS-04	121210P023	024	2211121J022	118	SST	110	1401	154,11	1290	141,9	143,019	143,12	500	356,98	356,88
SIH-CS-04	121210P023	011	2211121J022	119	SST	110	1401	154,11	1290	141,9	143,422	143,61	500	356,58	356,39
SIH-CS-04	121210P023	012	2211121J022	120	SST	110	1401	154,11	1290	141,9	142,663	142,76	500	357,34	357,24
SIH-CS-04	121210P023	013	2211121J022	128					1290	0	4,168	4,38			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-05	121210P020	013	2211121J023	004							3,97	4,19			
SIH-CS-05	121210P020	022	2211121J023	009	SST	110	1403	154,33	1200	132	131,85	132,05	500	368,15	367,95
SIH-CS-05	121210P020	005	2211121J023	010	SST	110	1403	154,33	1200	132	133,28	133,45	500	366,72	366,55
SIH-CS-05	121210P020	018	2211121J023	011	SST	110	1403	154,33	1200	132	133,26	133,60	500	366,74	366,40
SIH-CS-05	121210P020	014	2211121J023	012	SST	110	1403	154,33	1200	132	131,65	132,02	500	368,35	367,98
SIH-CS-05	121210P020	001	2211121J023	013	SST	110	1403	154,33	1200	132	131,24	131,42	500	368,76	368,58
SIH-CS-05	121210P020	024	2211121J023	016	SST	110	1403	154,33	1200	132	132,17	132,34	500	367,83	367,66
SIH-CS-05	121210P020	009	2211121J023	017	SST	110	1403	154,33	1200	132	131,71	131,85	500	368,29	368,15
SIH-CS-05	121210P020	023	2211121J023	018	SST	110	1403	154,33	1200	132	131,71	131,79	500	368,29	368,21
SIH-CS-05	121210P020	006	2211121J023	019	SST	110	1403	154,33	1200	132	133,33	133,48	500	366,67	366,52
SIH-CS-05	121210P020	015	2211121J023	020	SST	110	1403	154,33	1200	132	131,78	131,87	500	368,22	368,13
SIH-CS-05	121210P020	002	2211121J023	021	SST	110	1403	154,33	1200	132	132,25	132,40	500	367,75	367,60
SIH-CS-05	121210P019	025	2211121J023	022	SST	110	1414	155,54	1175	129,25	131,65	131,85	500	368,35	368,15
SIH-CS-05	121210P019	022	2211121J023	023	SST	110	1414	155,54	1175	129,25	131,24	131,54	500	368,76	368,46
SIH-CS-05	121210P017	001	2211121J023	026	SST	110	1425	156,75	1180	129,8	129,22	129,55	500	370,78	370,45
SIH-CS-05	121210P020	011	2211121J023	027	SST	110	1403	154,33	1200	132	131,16	131,34	500	368,84	368,66
SIH-CS-05	121210P020	010	2211121J023	028	SST	110	1403	154,33	1200	132	132,25	132,37	500	367,75	367,63
SIH-CS-05	121210P020	019	2211121J023	029	SST	110	1403	154,33	1200	132	133,06	133,15	500	366,94	366,85
SIH-CS-05	121210P020	007	2211121J023	030	SST	110	1403	154,33	1200	132	132,93	133,11	500	367,08	366,89
SIH-CS-05	121210P020	003	2211121J023	031	SST	110	1403	154,33	1200	132	131,98	132,10	500	368,02	367,90
SIH-CS-05	121210P019	012	2211121J023	032	SST	110	1414	155,54	1175	129,25	131,65	131,81	500	368,35	368,19
SIH-CS-05	121210P019	023	2211121J023	033	SST	110	1414	155,54	1175	129,25	131,38	131,59	500	368,62	368,41
SIH-CS-05	121210P019	009	2211121J023	034		110	1414	155,54	1175	129,25	131,44	131,86	500	368,56	368,14
SIH-CS-05	121210P017	013	2211121J023	036							4,03	4,16			
SIH-CS-05	121210P017	014	2211121J023	037	SST	110	1425	156,75	1180	129,8	129,09	129,33	500	370,91	370,67
SIH-CS-05	121210P017	002	2211121J023	038	SST	110	1425	156,75	1180	129,8	129,29	129,56	500	370,71	370,44
SIH-CS-05	121210P020	012	2211121J023	039	SST	110	1403	154,33	1200	132	132,32	132,47	500	367,68	367,53
SIH-CS-05	121210P020	025	2211121J023	040	SST	110	1403	154,33	1200	132	131,63	131,73	500	368,37	368,27
SIH-CS-05	121210P020	020	2211121J023	041	SST	110	1403	154,33	1200	132	132,45	132,57	500	367,55	367,43
SIH-CS-05	121210P020	004	2211121J023	042	SST	110	1403	154,33	1200	132	132,44	132,54	500	367,56	367,46
SIH-CS-05	121210P020	016	2211121J023	043	SST	110	1403	154,33	1200	132	132,32	132,32	500	367,68	367,68
SIH-CS-05	121210P019	024	2211121J023	044	SST	110	1414	155,54	1175	129,25	131,92	132,05	500	368,09	367,95
SIH-CS-05	121210P019	010	2211121J023	045	SST	110	1414	155,54	1175	129,25	131,51	131,26	500	368,49	368,74
SIH-CS-05	121210P019	018	2211121J023	046	SST	110	1414	155,54	1175	129,25	130,91	131,07	500	369,10	368,93

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-05	121210P019	013	2211121J023	047							3,97	4,15			
SIH-CS-05	121210P017	003	2211121J023	048	SST	110	1425	156,75	1180	129,8	128,89	129,20	500	371,12	370,80
SIH-CS-05	121210P017	015	2211121J023	049	SST	110	1425	156,75	1180	129,8	129,02	129,18	500	370,98	370,82
SIH-CS-05	121210P017	005	2211121J023	050	SST	110	1425	156,75	1180	129,8	130,30	130,58	500	369,70	369,42
SIH-CS-05	121210P017	019	2211121J023	051	SST	110	1425	156,75	1180	129,8	129,49	130,05	500	370,51	369,95
SIH-CS-05	121210P020	008	2211121J023	052	SST	110	1403	154,33	1200	132	132,59	132,67	500	367,41	367,33
SIH-CS-05	121210P020	021	2211121J023	053	SST	110	1403	154,33	1200	132	133,26	133,43	500	366,74	366,57
SIH-CS-05	121210P020	017	2211121J023	054	SST	110	1403	154,33	1200	132	131,85	131,94	500	368,15	368,06
SIH-CS-05	121210P018	005	2211121J023	055	SST	110	1437	158,07	1170	128,7	130,37	130,72	500	369,63	369,28
SIH-CS-05	121210P019	011	2211121J023	056	SST	110	1414	155,54	1175	129,25	131,51	131,72	500	368,49	368,28
SIH-CS-05	121210P019	019	2211121J023	057	SST	110	1414	155,54	1175	129,25	131,31	131,43	500	368,69	368,57
SIH-CS-05	121210P019	005	2211121J023	058	SST	110	1414	155,54	1175	129,25	130,64	130,83	500	369,36	369,17
SIH-CS-05	121210P017	004	2211121J023	059	SST	110	1425	156,75	1180	129,8	129,42	129,47	500	370,58	370,53
SIH-CS-05	121210P017	016	2211121J023	060	SST	110	1425	156,75	1180	129,8	129,22	129,46	500	370,78	370,54
SIH-CS-05	121210P017	018	2211121J023	061	SST	110	1425	156,75	1180	129,8	130,70	130,93	500	369,30	369,07
SIH-CS-05	121210P017	006	2211121J023	062	SST	110	1425	156,75	1180	129,8	130,50	130,65	500	369,50	369,35
SIH-CS-05	121210P017	020	2211121J023	063	SST	110	1425	156,75	1180	129,8	130,16	130,38	500	369,84	369,62
SIH-CS-05	121210P018	018	2211121J023	066	SST	110	1437	158,07	1170	128,7	130,37	131,01	500	369,63	368,99
SIH-CS-05	121210P018	006	2211121J023	067	SST	110	1437	158,07	1170	128,7	130,23	130,12	500	369,77	369,88
SIH-CS-05	121210P019	006	2211121J023	068	SST	110	1414	155,54	1175	129,25	130,37	130,47	500	369,63	369,53
SIH-CS-05	121210P019	020	2211121J023	069	SST	110	1414	155,54	1175	129,25	130,97	131,05	500	369,03	368,95
SIH-CS-05	121210P019	021	2211121J023	070	SST	110	1414	155,54	1175	129,25	130,95	130,72	500	369,05	369,28
SIH-CS-05	121210P017	017	2211121J023	071	SST	110	1425	156,75	1180	129,8	129,09	129,26	500	370,91	370,74
SIH-CS-05	121210P017	009	2211121J023	072	SST	110	1425	156,75	1180	129,8	130,23	130,44	500	369,77	369,56
SIH-CS-05	121210P017	008	2211121J023	073	SST	110	1425	156,75	1180	129,8	130,43	130,58	500	369,57	369,42
SIH-CS-05	121210P017	021	2211121J023	074	SST	110	1425	156,75	1180	129,8	130,08	130,31	500	369,92	369,69
SIH-CS-05	121210P017	007	2211121J023	075	SST	110	1425	156,75	1180	129,8	129,76	130,22	500	370,24	369,78
SIH-CS-05	121210P018	020	2211121J023	076	SST	110	1437	158,07	1170	128,7	130,64	130,88	500	369,36	369,12
SIH-CS-05	121210P018	007	2211121J023	077	SST	110	1437	158,07	1170	128,7	130,48	130,73	500	369,52	369,27
SIH-CS-05	121210P018	019	2211121J023	078	SST	110	1437	158,07	1170	128,7	131,04	131,26	500	368,96	368,74
SIH-CS-05	121210P019	014	2211121J023	079	SST	110	1414	155,54	1175	129,25	130,50	130,72	500	369,50	369,28
SIH-CS-05	121210P019	007	2211121J023	080	SST	110	1414	155,54	1175	129,25	130,37	130,52	500	369,63	369,48
SIH-CS-05	121210P019	008	2211121J023	081	SST	110	1414	155,54	1175	129,25	130,50	130,82	500	369,50	369,18
SIH-CS-05	121210P017	022	2211121J023	083	SST	110	1425	156,75	1180	129,8	129,56	130,10	500	370,44	369,90

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-05	121210P017	010	2211121J023	084	SST	110	1425	156,75	1180	129,8	130,30	130,63	500	369,70	369,37
SIH-CS-05	121210P017	011	2211121J023	085	SST	110	1425	156,75	1180	129,8	130,75	130,94	500	369,25	369,06
SIH-CS-05	121210P018	001	2211121J023	086	SST	110	1437	158,07	1170	128,7	128,55	128,79	500	371,45	371,21
SIH-CS-05	121210P018	014	2211121J023	087	SST	110	1437	158,07	1170	128,7	128,75	128,91	500	371,25	371,09
SIH-CS-05	121210P018	021	2211121J023	088	SST	110	1437	158,07	1170	128,7	130,84	131,05	500	369,16	368,95
SIH-CS-05	121210P018	008	2211121J023	089	SST	110	1437	158,07	1170	128,7	130,16	130,60	500	369,84	369,40
SIH-CS-05	121210P019	001	2211121J023	090	SST	110	1414	155,54	1175	129,25	130,01	130,18	500	369,99	369,82
SIH-CS-05	121210P019	016	2211121J023	091	SST	110	1414	155,54	1175	129,25	129,69	129,78	500	370,31	370,22
SIH-CS-05	121210P019	003	2211121J023	092	SST	110	1414	155,54	1175	129,25	130,32	130,44	500	369,68	369,56
SIH-CS-05	121210P017	023	2211121J023	095	SST	110	1425	156,75	1180	129,8	129,83	130,01	500	370,17	369,99
SIH-CS-05	121210P017	024	2211121J023	096	SST	110	1425	156,75	1180	129,8	130,30	130,52	500	369,70	369,48
SIH-CS-05	121210P018	002	2211121J023	097	SST	110	1437	158,07	1170	128,7	128,82	129,01	500	371,18	370,99
SIH-CS-05	121210P018	015	2211121J023	098	SST	110	1437	158,07	1170	128,7	129,15	129,28	500	370,85	370,72
SIH-CS-05	121210P018	022	2211121J023	099	SST	110	1437	158,07	1170	128,7	128,90	129,18	500	371,10	370,82
SIH-CS-05	121210P018	009	2211121J023	100	SST	110	1437	158,07	1170	128,7	128,14	128,68	500	371,86	371,32
SIH-CS-05	121210P019	015	2211121J023	101	SST	110	1414	155,54	1175	129,25	130,03	130,15	500	369,97	369,85
SIH-CS-05	121210P019	002	2211121J023	102	SST	110	1414	155,54	1175	129,25	130,10	130,27	500	369,90	369,73
SIH-CS-05	121210P019	004	2211121J023	103	SST	110	1414	155,54	1175	129,25	130,30	130,50	500	369,70	369,50
SIH-CS-05	121210P017	025	2211121J023	106	SST	110	1425	156,75	1180	129,8	130,16	130,39	500	369,84	369,61
SIH-CS-05	121210P017	012	2211121J023	107	SST	110	1425	156,75	1180	129,8	130,50	130,85	500	369,50	369,15
SIH-CS-05	121210P018	003	2211121J023	108	SST	110	1437	158,07	1170	128,7	129,17	129,37	500	370,83	370,63
SIH-CS-05	121210P018	016	2211121J023	109	SST	110	1437	158,07	1170	128,7	128,93	129,10	500	371,07	370,90
SIH-CS-05	121210P018	023	2211121J023	110	SST	110	1437	158,07	1170	128,7	129,07	129,33	500	370,93	370,67
SIH-CS-05	121210P018	010	2211121J023	111	SST	110	1437	158,07	1170	128,7	128,95	129,13	500	371,05	370,87
SIH-CS-05	121210P018	025	2211121J023	112	SST	110	1437	158,07	1170	128,7	129,22	129,42	500	370,78	370,58
SIH-CS-05	121210P019	017	2211121J023	113	SST	110	1414	155,54	1175	129,25	130,23	130,34	500	369,77	369,66
SIH-CS-05	121210P018	004	2211121J023	116	SST	110	1437	158,07	1170	128,7	129,20	129,73	500	370,80	370,27
SIH-CS-05	121210P018	017	2211121J023	117	SST	110	1437	158,07	1170	128,7	128,89	129,03	500	371,12	370,97
SIH-CS-05	121210P018	024	2211121J023	118	SST	110	1437	158,07	1170	128,7	128,68	128,79	500	371,32	371,21
SIH-CS-05	121210P018	011	2211121J023	119	SST	110	1437	158,07	1170	128,7	128,95	129,16	500	371,05	370,84
SIH-CS-05	121210P018	012	2211121J023	120	SST	110	1437	158,07	1170	128,7	128,62	128,82	500	371,39	371,18
SIH-CS-05	121210P018	013	2211121J023	128							4,03	4,17			
SIH-CS-06	121210P016	013	2211121J024	004							3,97	4,16			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASE / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASE / IDAS
SIH-CS-06	121210P016	022	2211121J024	009	SST	110	1304	143,44	1165	128,15	128,23	128,66	500	371,77	371,34
SIH-CS-06	121210P016	005	2211121J024	010	SST	110	1304	143,44	1165	128,15	128,62	128,87	500	371,39	371,13
SIH-CS-06	121210P016	018	2211121J024	011	SST	110	1304	143,44	1165	128,15	128,89	129,14	500	371,12	370,86
SIH-CS-06	121210P016	014	2211121J024	012	SST	110	1304	143,44	1165	128,15	129,22	129,61	500	370,78	370,39
SIH-CS-06	121210P016	001	2211121J024	013	SST	110	1304	143,44	1165	128,15	129,29	129,62	500	370,71	370,38
SIH-CS-06	121210P016	024	2211121J024	016	SST	110	1304	143,44	1165	128,15	128,48	129,08	500	371,52	370,92
SIH-CS-06	121210P016	009	2211121J024	017	SST	110	1304	143,44	1165	128,15	128,28	128,55	500	371,72	371,45
SIH-CS-06	121210P016	023	2211121J024	018	SST	110	1304	143,44	1165	128,15	127,61	128,13	500	372,40	371,87
SIH-CS-06	121210P016	006	2211121J024	019	SST	110	1304	143,44	1165	128,15	128,75	129,45	500	371,25	370,55
SIH-CS-06	121210P016	015	2211121J024	020	SST	110	1304	143,44	1165	128,15	128,93	129,27	500	371,07	370,73
SIH-CS-06	121210P016	002	2211121J024	021	SST	110	1304	143,44	1165	128,15	129,36	129,74	500	370,64	370,26
SIH-CS-06	121210P015	025	2211121J024	022	SST	110	1292	142,12	1180	129,8	131,53	131,71	500	368,47	368,29
SIH-CS-06	121210P015	022	2211121J024	023	SST	110	1292	142,12	1180	129,8	130,70	130,92	500	369,30	369,08
SIH-CS-06	121210P013	001	2211121J024	026	SST	110	1294	142,34	1140	125,4	124,64	124,84	500	375,36	375,16
SIH-CS-06	121210P016	011	2211121J024	027	SST	110	1304	143,44	1165	128,15	128,48	128,79	500	371,52	371,21
SIH-CS-06	121210P016	010	2211121J024	028	SST	110	1304	143,44	1165	128,15	128,30	128,60	500	371,70	371,40
SIH-CS-06	121210P016	019	2211121J024	029	SST	110	1304	143,44	1165	128,15	128,62	128,88	500	371,39	371,12
SIH-CS-06	121210P016	007	2211121J024	030	SST	110	1304	143,44	1165	128,15	128,75	129,07	500	371,25	370,93
SIH-CS-06	121210P016	003	2211121J024	031	SST	110	1304	143,44	1165	128,15	128,75	129,14	500	371,25	370,86
SIH-CS-06	121210P015	012	2211121J024	032	SST	110	1292	142,12	1180	129,8	131,13	131,29	500	368,88	368,71
SIH-CS-06	121210P015	023	2211121J024	033	SST	110	1292	142,12	1180	129,8	130,84	131,09	500	369,16	368,91
SIH-CS-06	121210P015	009	2211121J024	034	SST	110	1292	142,12	1180	129,8	130,84	131,10	500	369,16	368,90
SIH-CS-06	121210P013	013	2211121J024	036							3,97	4,08			
SIH-CS-06	121210P013	014	2211121J024	037	SST	110	1294	142,34	1140	125,4	125,18	125,28	500	374,82	374,72
SIH-CS-06	121210P013	002	2211121J024	038	SST	110	1294	142,34	1140	125,4	125,05	125,17	500	374,95	374,83
SIH-CS-06	121210P016	012	2211121J024	039	SST	110	1304	143,44	1165	128,15	128,01	128,30	500	371,99	371,70
SIH-CS-06	121210P016	025	2211121J024	040	SST	110	1304	143,44	1165	128,15	128,57	128,87	500	371,43	371,13
SIH-CS-06	121210P016	020	2211121J024	041	SST	110	1304	143,44	1165	128,15	128,55	128,81	500	371,45	371,19
SIH-CS-06	121210P016	004	2211121J024	042	SST	110	1304	143,44	1165	128,15	129,02	129,40	500	370,98	370,60
SIH-CS-06	121210P016	016	2211121J024	043	SST	110	1304	143,44	1165	128,15	129,42	129,75	500	370,58	370,25
SIH-CS-06	121210P015	024	2211121J024	044	SST	110	1292	142,12	1180	129,8	130,97	131,22	500	369,03	368,78
SIH-CS-06	121210P015	010	2211121J024	045	SST	110	1292	142,12	1180	129,8	130,23	130,55	500	369,77	369,45
SIH-CS-06	121210P015	018	2211121J024	046	SST	110	1292	142,12	1180	129,8	133,06	133,30	500	366,94	366,70
SIH-CS-06	121210P015	013	2211121J024	047							4,03	4,20			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-06	121210P013	003	2211121J024	048	SST	110	1294	142,34	1140	125,4	124,42	124,58	500	375,58	375,42
SIH-CS-06	121210P013	015	2211121J024	049	SST	110	1294	142,34	1140	125,4	124,31	124,37	500	375,69	375,63
SIH-CS-06	121210P013	005	2211121J024	050	SST	110	1294	142,34	1140	125,4	125,45	125,61	500	374,55	374,39
SIH-CS-06	121210P013	019	2211121J024	051	SST	110	1294	142,34	1140	125,4	125,06	125,25	500	374,94	374,75
SIH-CS-06	121210P016	008	2211121J024	052	SST	110	1304	143,44	1165	128,15	128,55	128,86	500	371,45	371,14
SIH-CS-06	121210P016	021	2211121J024	053	SST	110	1304	143,44	1165	128,15	128,41	129,19	500	371,59	370,81
SIH-CS-06	121210P016	017	2211121J024	054	SST	110	1304	143,44	1165	128,15	128,55	128,93	500	371,45	371,07
SIH-CS-06	121210P014	005	2211121J024	055	SST	110	1281	140,91	1170	128,7	130,50	130,85	500	369,50	369,15
SIH-CS-06	121210P015	011	2211121J024	056	SST	110	1292	142,12	1180	129,8	130,97	131,19	500	369,03	368,81
SIH-CS-06	121210P015	019	2211121J024	057	SST	110	1292	142,12	1180	129,8	132,39	132,92	500	367,61	367,08
SIH-CS-06	121210P015	005	2211121J024	058	SST	110	1292	142,12	1180	129,8	132,79	133,05	500	367,21	366,95
SIH-CS-06	121210P013	004	2211121J024	059	SST	110	1294	142,34	1140	125,4	124,37	124,52	500	375,63	375,48
SIH-CS-06	121210P013	016	2211121J024	060	SST	110	1294	142,34	1140	125,4	123,97	124,27	500	376,03	375,73
SIH-CS-06	121210P013	018	2211121J024	061	SST	110	1294	142,34	1140	125,4	125,25	125,53	500	374,75	374,47
SIH-CS-06	121210P013	006	2211121J024	062	SST	110	1294	142,34	1140	125,4	125,38	125,53	500	374,62	374,47
SIH-CS-06	121210P013	020	2211121J024	063	SST	110	1294	142,34	1140	125,4	125,18	125,33	500	374,82	374,67
SIH-CS-06	121210P014	018	2211121J024	066	SST	110	1281	140,91	1170	128,7	130,91	131,11	500	369,10	368,89
SIH-CS-06	121210P014	006	2211121J024	067	SST	110	1281	140,91	1170	128,7	130,03	130,32	500	369,97	369,68
SIH-CS-06	121210P015	006	2211121J024	068	SST	110	1292	142,12	1180	129,8	132,93	133,17	500	367,08	366,83
SIH-CS-06	121210P015	020	2211121J024	069	SST	110	1292	142,12	1180	129,8	132,45	133,01	500	367,55	366,99
SIH-CS-06	121210P015	021	2211121J024	070	SST	110	1292	142,12	1180	129,8	132,97	133,29	500	367,03	366,71
SIH-CS-06	121210P013	017	2211121J024	071	SST	110	1294	142,34	1140	125,4	125,11	125,20	500	374,89	374,80
SIH-CS-06	121210P013	009	2211121J024	072	SST	110	1294	142,34	1140	125,4	124,84	125,01	500	375,16	374,99
SIH-CS-06	121210P013	008	2211121J024	073	SST	110	1294	142,34	1140	125,4	125,38	125,53	500	374,62	374,47
SIH-CS-06	121210P013	021	2211121J024	074	SST	110	1294	142,34	1140	125,4	125,65	125,83	500	374,35	374,17
SIH-CS-06	121210P013	007	2211121J024	075	SST	110	1294	142,34	1140	125,4	125,54	125,61	500	374,47	374,39
SIH-CS-06	121210P014	020	2211121J024	076	SST	110	1281	140,91	1170	128,7	129,96	130,30	500	370,04	369,70
SIH-CS-06	121210P014	007	2211121J024	077	SST	110	1281	140,91	1170	128,7	130,57	130,81	500	369,43	369,19
SIH-CS-06	121210P014	019	2211121J024	078	SST	110	1281	140,91	1170	128,7	130,38	130,62	500	369,62	369,38
SIH-CS-06	121210P015	014	2211121J024	079	SST	110	1292	142,12	1180	129,8	132,86	133,17	500	367,14	366,83
SIH-CS-06	121210P015	007	2211121J024	080	SST	110	1292	142,12	1180	129,8	133,13	133,40	500	366,87	366,60
SIH-CS-06	121210P015	008	2211121J024	081	SST	110	1292	142,12	1180	129,8	132,93	133,10	500	367,08	366,90
SIH-CS-06	121210P013	022	2211121J024	083	SST	110	1294	142,34	1140	125,4	125,05	125,20	500	374,95	374,80
SIH-CS-06	121210P013	010	2211121J024	084	SST	110	1294	142,34	1140	125,4	125,05	125,24	500	374,95	374,76

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-06	121210P013	011	2211121J024	085	SST	110	1294	142,34	1140	125,4	125,65	125,80	500	374,35	374,20
SIH-CS-06	121210P014	001	2211121J024	086	SST	110	1281	140,91	1170	128,7	130,70	130,92	500	369,30	369,08
SIH-CS-06	121210P014	014	2211121J024	087	SST	110	1281	140,91	1170	128,7	130,30	130,49	500	369,70	369,51
SIH-CS-06	121210P014	021	2211121J024	088	SST	110	1281	140,91	1170	128,7	130,43	130,63	500	369,57	369,37
SIH-CS-06	121210P014	008	2211121J024	089	SST	110	1281	140,91	1170	128,7	130,16	129,97	500	369,84	370,03
SIH-CS-06	121210P015	001	2211121J024	090	SST	110	1292	142,12	1180	129,8	132,72	132,93	500	367,28	367,07
SIH-CS-06	121210P015	016	2211121J024	091	SST	110	1292	142,12	1180	129,8	133,13	133,34	500	366,87	366,66
SIH-CS-06	121210P015	003	2211121J024	092	SST	110	1292	142,12	1180	129,8	132,91	133,17	500	367,09	366,83
SIH-CS-06	121210P013	023	2211121J024	095	SST	110	1294	142,34	1140	125,4	124,71	124,88	500	375,29	375,12
SIH-CS-06	121210P013	024	2211121J024	096	SST	110	1294	142,34	1140	125,4	125,32	125,44	500	374,68	374,56
SIH-CS-06	121210P014	002	2211121J024	097	SST	110	1281	140,91	1170	128,7	129,83	130,06	500	370,17	369,94
SIH-CS-06	121210P014	015	2211121J024	098	SST	110	1281	140,91	1170	128,7	130,16	130,43	500	369,84	369,57
SIH-CS-06	121210P014	022	2211121J024	099	SST	110	1281	140,91	1170	128,7	129,42	129,65	500	370,58	370,35
SIH-CS-06	121210P014	009	2211121J024	100	SST	110	1281	140,91	1170	128,7	129,63	129,78	500	370,37	370,22
SIH-CS-06	121210P015	015	2211121J024	101	SST	110	1292	142,12	1180	129,8	133,13	133,37	500	366,87	366,63
SIH-CS-06	121210P015	002	2211121J024	102	SST	110	1292	142,12	1180	129,8	133,73	133,97	500	366,27	366,03
SIH-CS-06	121210P015	004	2211121J024	103	SST	110	1292	142,12	1180	129,8	132,93	133,28	500	367,08	366,72
SIH-CS-06	121210P013	025	2211121J024	106	SST	110	1294	142,34	1140	125,4	124,91	125,08	500	375,09	374,92
SIH-CS-06	121210P013	012	2211121J024	107	SST	110	1294	142,34	1140	125,4	125,16	125,34	500	374,84	374,66
SIH-CS-06	121210P014	003	2211121J024	108	SST	110	1281	140,91	1170	128,7	130,23	130,52	500	369,77	369,48
SIH-CS-06	121210P014	016	2211121J024	109	SST	110	1281	140,91	1170	128,7	130,43	130,67	500	369,57	369,33
SIH-CS-06	121210P014	023	2211121J024	110	SST	110	1281	140,91	1170	128,7	130,03	130,28	500	369,97	369,72
SIH-CS-06	121210P014	010	2211121J024	111	SST	110	1281	140,91	1170	128,7	129,76	129,97	500	370,24	370,03
SIH-CS-06	121210P014	025	2211121J024	112	SST	110	1281	140,91	1170	128,7	129,51	129,71	500	370,49	370,29
SIH-CS-06	121210P015	017	2211121J024	113	SST	110	1292	142,12	1180	129,8	132,67	132,91	500	367,33	367,09
SIH-CS-06	121210P014	004	2211121J024	116	SST	110	1281	140,91	1170	128,7	130,64	130,89	500	369,36	369,11
SIH-CS-06	121210P014	017	2211121J024	117	SST	110	1281	140,91	1170	128,7	129,90	130,32	500	370,11	369,68
SIH-CS-06	121210P014	024	2211121J024	118	SST	110	1281	140,91	1170	128,7	129,49	129,64	500	370,51	370,36
SIH-CS-06	121210P014	011	2211121J024	119	SST	110	1281	140,91	1170	128,7	129,15	129,59	500	370,85	370,41
SIH-CS-06	121210P014	012	2211121J024	120	SST	110	1281	140,91	1170	128,7	130,10	130,25	500	369,90	369,75
SIH-CS-06	121210P014	013	2211121J024	128					1170	0	4,03	4,18			
SIH-CS-07	121210P012	013	2211121J025	004							3,70	3,92			
SIH-CS-07	121210P012	022	2211121J025	009	SST	110	1205	132,55	1035	113,85	114,00	113,89	500	386,00	386,11

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-07	121210P012	005	2211121J025	010	SST	110	1205	132,55	1035	113,85	115,35	115,56	500	384,65	384,44
SIH-CS-07	121210P012	018	2211121J025	011	SST	110	1205	132,55	1035	113,85	114,83	114,90	500	385,17	385,10
SIH-CS-07	121210P012	014	2211121J025	012	SST	110	1205	132,55	1035	113,85	114,81	114,92	500	385,19	385,08
SIH-CS-07	121210P012	001	2211121J025	013	SST	110	1205	132,55	1035	113,85	115,15	115,29	500	384,85	384,71
SIH-CS-07	121210P012	024	2211121J025	016	SST	110	1205	132,55	1035	113,85	114,21	114,31	500	385,80	385,69
SIH-CS-07	121210P012	009	2211121J025	017	SST	110	1205	132,55	1035	113,85	113,46	113,49	500	386,54	386,51
SIH-CS-07	121210P012	023	2211121J025	018	SST	110	1205	132,55	1035	113,85	114,34	114,78	500	385,66	385,22
SIH-CS-07	121210P012	006	2211121J025	019	SST	110	1205	132,55	1035	113,85	114,68	114,80	500	385,32	385,20
SIH-CS-07	121210P012	015	2211121J025	020	SST	110	1205	132,55	1035	113,85	115,01	115,10	500	384,99	384,90
SIH-CS-07	121210P012	002	2211121J025	021	SST	110	1205	132,55	1035	113,85	114,68	114,85	500	385,32	385,15
SIH-CS-07	121210P011	025	2211121J025	022	SST	110	1212	133,32	1045	114,95	115,48	115,49	500	384,52	384,51
SIH-CS-07	121210P011	022	2211121J025	023	SST	110	1212	133,32	1045	114,95	116,16	116,27	500	383,84	383,73
SIH-CS-07	121210P009	001	2211121J025	026	SST	110	1205	132,55	1050	115,5	114,61	114,89	500	385,39	385,11
SIH-CS-07	121210P012	011	2211121J025	027	SST	110	1205	132,55	1035	113,85	113,85	113,98	500	386,15	386,02
SIH-CS-07	121210P012	010	2211121J025	028	SST	110	1205	132,55	1035	113,85	114,00	114,24	500	386,00	385,76
SIH-CS-07	121210P012	019	2211121J025	029	SST	110	1205	132,55	1035	113,85	114,34	114,46	500	385,66	385,54
SIH-CS-07	121210P012	007	2211121J025	030	SST	110	1205	132,55	1035	113,85	114,41	114,57	500	385,59	385,43
SIH-CS-07	121210P012	003	2211121J025	031	SST	110	1205	132,55	1035	113,85	115,35	115,48	500	384,65	384,52
SIH-CS-07	121210P011	012	2211121J025	032	SST	110	1212	133,32	1045	114,95	115,96	115,97	500	384,05	384,03
SIH-CS-07	121210P011	023	2211121J025	033	SST	110	1212	133,32	1045	114,95	115,77	115,86	500	384,23	384,14
SIH-CS-07	121210P011	009	2211121J025	034	SST	110	1212	133,32	1045	114,95	116,63	116,80	500	383,37	383,20
SIH-CS-07	121210P009	013	2211121J025	036							3,77	3,89			
SIH-CS-07	121210P009	014	2211121J025	037	SST	110	1205	132,55	1050	115,5	114,81	115,03	500	385,19	384,97
SIH-CS-07	121210P009	002	2211121J025	038	SST	110	1205	132,55	1050	115,5	114,00	113,96	500	386,00	386,04
SIH-CS-07	121210P012	012	2211121J025	039	SST	110	1205	132,55	1035	113,85	114,00	114,00	500	386,00	386,00
SIH-CS-07	121210P012	025	2211121J025	040	SST	110	1205	132,55	1035	113,85	114,07	114,10	500	385,93	385,90
SIH-CS-07	121210P012	020	2211121J025	041	SST	110	1205	132,55	1035	113,85	114,41	115,05	500	385,59	384,95
SIH-CS-07	121210P012	004	2211121J025	042	SST	110	1205	132,55	1035	113,85	114,81	114,88	500	385,19	385,12
SIH-CS-07	121210P012	016	2211121J025	043	SST	110	1205	132,55	1035	113,85	114,88	114,91	500	385,12	385,09
SIH-CS-07	121210P011	024	2211121J025	044	SST	110	1212	133,32	1045	114,95	116,56	116,60	500	383,44	383,40
SIH-CS-07	121210P011	010	2211121J025	045	SST	110	1212	133,32	1045	114,95	116,09	116,17	500	383,91	383,83
SIH-CS-07	121210P011	018	2211121J025	046	SST	110	1212	133,32	1045	114,95	116,63	116,72	500	383,37	383,28
SIH-CS-07	121210P011	013	2211121J025	047							3,77	3,95			
SIH-CS-07	121210P009	003	2211121J025	048	SST	110	1205	132,55	1050	115,5	114,21	114,37	500	385,80	385,63

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-07	121210P009	015	2211121J025	049	SST	110	1205	132,55	1050	115,5	114,27	114,37	500	385,73	385,63
SIH-CS-07	121210P009	005	2211121J025	050	SST	110	1205	132,55	1050	115,5	115,42	115,65	500	384,58	384,35
SIH-CS-07	121210P009	019	2211121J025	051	SST	110	1205	132,55	1050	115,5	115,55	115,85	500	384,45	384,15
SIH-CS-07	121210P012	008	2211121J025	052	SST	110	1205	132,55	1035	113,85	114,76	114,88	500	385,24	385,12
SIH-CS-07	121210P012	021	2211121J025	053	SST	110	1205	132,55	1035	113,85	115,15	115,11	500	384,85	384,89
SIH-CS-07	121210P012	017	2211121J025	054	SST	110	1205	132,55	1035	113,85	114,95	114,69	500	385,06	385,31
SIH-CS-07	121210P010	005	2211121J025	055	SST	110	1211	133,21	1045	114,95	115,69	115,87	500	384,31	384,13
SIH-CS-07	121210P011	011	2211121J025	056	SST	110	1212	133,32	1045	114,95	116,16	116,20	500	383,84	383,80
SIH-CS-07	121210P011	019	2211121J025	057	SST	110	1212	133,32	1045	114,95	116,78	116,94	500	383,22	383,06
SIH-CS-07	121210P011	005	2211121J025	058	SST	110	1212	133,32	1045	114,95	116,36	116,49	500	383,64	383,51
SIH-CS-07	121210P009	004	2211121J025	059	SST	110	1205	132,55	1050	115,5	114,68	114,94	500	385,32	385,06
SIH-CS-07	121210P009	016	2211121J025	060	SST	110	1205	132,55	1050	115,5	114,54	114,66	500	385,46	385,34
SIH-CS-07	121210P009	018	2211121J025	061	SST	110	1205	132,55	1050	115,5	115,22	115,38	500	384,79	384,62
SIH-CS-07	121210P009	006	2211121J025	062	SST	110	1205	132,55	1050	115,5	116,09	116,30	500	383,91	383,70
SIH-CS-07	121210P009	020	2211121J025	063	SST	110	1205	132,55	1050	115,5	115,55	115,71	500	384,45	384,29
SIH-CS-07	121210P010	018	2211121J025	066	SST	110	1211	133,21	1045	114,95	116,16	116,39	500	383,84	383,61
SIH-CS-07	121210P010	006	2211121J025	067	SST	110	1211	133,21	1045	114,95	115,42	115,49	500	384,58	384,51
SIH-CS-07	121210P011	006	2211121J025	068	SST	110	1212	133,32	1045	114,95	117,24	117,35	500	382,77	382,65
SIH-CS-07	121210P011	020	2211121J025	069	SST	110	1212	133,32	1045	114,95	116,36	116,39	500	383,64	383,61
SIH-CS-07	121210P011	021	2211121J025	070	SST	110	1212	133,32	1045	114,95	116,44	116,58	500	383,56	383,42
SIH-CS-07	121210P009	017	2211121J025	071	SST	110	1205	132,55	1050	115,5	114,54	114,77	500	385,46	385,23
SIH-CS-07	121210P009	009	2211121J025	072	SST	110	1205	132,55	1050	115,5	115,96	116,13	500	384,05	383,87
SIH-CS-07	121210P009	008	2211121J025	073	SST	110	1205	132,55	1050	115,5	115,94	116,15	500	384,06	383,85
SIH-CS-07	121210P009	021	2211121J025	074	SST	110	1205	132,55	1050	115,5	115,69	116,37	500	384,31	383,63
SIH-CS-07	121210P009	007	2211121J025	075	SST	110	1205	132,55	1050	115,5	115,42	115,55	500	384,58	384,45
SIH-CS-07	121210P010	020	2211121J025	076	SST	110	1211	133,21	1045	114,95	115,62	115,70	500	384,38	384,30
SIH-CS-07	121210P010	007	2211121J025	077	SST	110	1211	133,21	1045	114,95	116,02	116,15	500	383,98	383,85
SIH-CS-07	121210P010	019	2211121J025	078	SST	110	1211	133,21	1045	114,95	115,89	115,98	500	384,11	384,02
SIH-CS-07	121210P011	014	2211121J025	079	SST	110	1212	133,32	1045	114,95	116,34	116,59	500	383,66	383,41
SIH-CS-07	121210P011	007	2211121J025	080	SST	110	1212	133,32	1045	114,95	116,63	116,81	500	383,37	383,19
SIH-CS-07	121210P011	008	2211121J025	081	SST	110	1212	133,32	1045	114,95	116,83	117,22	500	383,17	382,78
SIH-CS-07	121210P009	022	2211121J025	083	SST	110	1205	132,55	1050	115,5	116,02	116,22	500	383,98	383,78
SIH-CS-07	121210P009	010	2211121J025	084	SST	110	1205	132,55	1050	115,5	116,28	116,57	500	383,72	383,43
SIH-CS-07	121210P009	011	2211121J025	085	SST	110	1205	132,55	1050	115,5	115,55	115,69	500	384,45	384,31

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-07	121210P010	001	2211121J025	086	SST	110	1211	133,21	1045	114,95	115,08	115,18	500	384,92	384,82
SIH-CS-07	121210P010	014	2211121J025	087	SST	110	1211	133,21	1045	114,95	114,95	115,59	500	385,06	384,41
SIH-CS-07	121210P010	021	2211121J025	088	SST	110	1211	133,21	1045	114,95	115,96	115,96	500	384,05	384,04
SIH-CS-07	121210P010	008	2211121J025	089	SST	110	1211	133,21	1045	114,95	115,96	115,99	500	384,05	384,01
SIH-CS-07	121210P011	001	2211121J025	090	SST	110	1212	133,32	1045	114,95	116,09	116,14	500	383,91	383,86
SIH-CS-07	121210P011	016	2211121J025	091	SST	110	1212	133,32	1045	114,95	116,23	116,40	500	383,78	383,60
SIH-CS-07	121210P011	003	2211121J025	092	SST	110	1212	133,32	1045	114,95	116,76	116,93	500	383,24	383,07
SIH-CS-07	121210P009	023	2211121J025	095	SST	110	1205	132,55	1050	115,5	115,42	115,88	500	384,58	384,12
SIH-CS-07	121210P009	024	2211121J025	096	SST	110	1205	132,55	1050	115,5	115,89	116,02	500	384,11	383,98
SIH-CS-07	121210P010	002	2211121J025	097	SST	110	1211	133,21	1045	114,95	115,96	116,16	500	384,05	383,84
SIH-CS-07	121210P010	015	2211121J025	098	SST	110	1211	133,21	1045	114,95	115,48	115,56	500	384,52	384,44
SIH-CS-07	121210P010	022	2211121J025	099	SST	110	1211	133,21	1045	114,95	116,29	116,35	500	383,71	383,65
SIH-CS-07	121210P010	009	2211121J025	100	SST	110	1211	133,21	1045	114,95	116,49	116,57	500	383,51	383,43
SIH-CS-07	121210P011	015	2211121J025	101	SST	110	1212	133,32	1045	114,95	115,75	116,29	500	384,25	383,71
SIH-CS-07	121210P011	002	2211121J025	102	SST	110	1212	133,32	1045	114,95	116,76	116,90	500	383,24	383,10
SIH-CS-07	121210P011	004	2211121J025	103	SST	110	1212	133,32	1045	114,95	116,34	116,49	500	383,66	383,51
SIH-CS-07	121210P009	025	2211121J025	106	SST	110	1205	132,55	1050	115,5	116,23	116,28	500	383,78	383,72
SIH-CS-07	121210P009	012	2211121J025	107	SST	110	1205	132,55	1050	115,5	115,96	116,04	500	384,05	383,96
SIH-CS-07	121210P010	003	2211121J025	108	SST	110	1211	133,21	1045	114,95	115,70	115,84	500	384,30	384,16
SIH-CS-07	121210P010	016	2211121J025	109	SST	110	1211	133,21	1045	114,95	115,35	115,56	500	384,65	384,44
SIH-CS-07	121210P010	023	2211121J025	110	SST	110	1211	133,21	1045	114,95	116,23	116,35	500	383,78	383,65
SIH-CS-07	121210P010	010	2211121J025	111	SST	110	1211	133,21	1045	114,95	116,02	116,20	500	383,98	383,80
SIH-CS-07	121210P010	025	2211121J025	112	SST	110	1211	133,21	1045	114,95	115,62	116,21	500	384,38	383,79
SIH-CS-07	121210P011	017	2211121J025	113	SST	110	1212	133,32	1045	114,95	116,02	116,52	500	383,98	383,48
SIH-CS-07	121210P010	004	2211121J025	116	SST	110	1211	133,21	1045	114,95	115,42	115,47	500	384,58	384,53
SIH-CS-07	121210P010	017	2211121J025	117	SST	110	1211	133,21	1045	114,95	115,55	115,75	500	384,45	384,25
SIH-CS-07	121210P010	024	2211121J025	118	SST	110	1211	133,21	1045	114,95	116,56	116,71	500	383,44	383,29
SIH-CS-07	121210P010	011	2211121J025	119	SST	110	1211	133,21	1045	114,95	116,43	116,47	500	383,57	383,53
SIH-CS-07	121210P010	012	2211121J025	120	SST	110	1211	133,21	1045	114,95	115,81	116,13	500	384,20	383,87
SIH-CS-07	121210P010	013	2211121J025	128							3,70	3,91			
SIH-CS-08	121210P008	013	2211121J027	004							4,03	4,27			
SIH-CS-08	121210P008	022	2211121J027	009	SST	110	1366	150,26	1220	134,2	134,95	135,04	500	365,06	364,96
SIH-CS-08	121210P008	005	2211121J027	010	SST	110	1366	150,26	1220	134,2	134,61	134,58	500	365,39	365,42

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-08	121210P008	018	2211121J027	011	SST	110	1366	150,26	1220	134,2	134,61	134,67	500	365,39	365,33
SIH-CS-08	121210P008	014	2211121J027	012	SST	110	1366	150,26	1220	134,2	135,28	135,32	500	364,72	364,68
SIH-CS-08	121210P008	001	2211121J027	013	SST	110	1366	150,26	1220	134,2	135,28	135,28	500	364,72	364,72
SIH-CS-08	121210P008	024	2211121J027	016	SST	110	1366	150,26	1220	134,2	134,47	134,55	500	365,53	365,45
SIH-CS-08	121210P008	009	2211121J027	017	SST	110	1366	150,26	1220	134,2	134,43	134,55	500	365,58	365,45
SIH-CS-08	121210P008	023	2211121J027	018	SST	110	1366	150,26	1220	134,2	134,34	134,38	500	365,66	365,62
SIH-CS-08	121210P008	006	2211121J027	019	SST	110	1366	150,26	1220	134,2	134,68	134,70	500	365,32	365,30
SIH-CS-08	121210P008	015	2211121J027	020	SST	110	1366	150,26	1220	134,2	135,62	135,54	500	364,38	364,46
SIH-CS-08	121210P008	002	2211121J027	021	SST	110	1366	150,26	1220	134,2	135,55	135,58	500	364,45	364,42
SIH-CS-08	121210P007	025	2211121J027	022	SST	110	1352	148,72	1245	136,95	139,46	139,39	500	360,55	360,61
SIH-CS-08	121210P007	022	2211121J027	023	SST	110	1352	148,72	1245	136,95	139,39	139,44	500	360,61	360,56
SIH-CS-08	121210P005	001	2211121J027	026	SST	110	1350	148,5	1230	135,3	134,41	134,61	500	365,59	365,39
SIH-CS-08	121210P008	011	2211121J027	027	SST	110	1366	150,26	1220	134,2	134,54	134,65	500	365,46	365,35
SIH-CS-08	121210P008	010	2211121J027	028	SST	110	1366	150,26	1220	134,2	134,05	134,10	500	365,95	365,90
SIH-CS-08	121210P008	019	2211121J027	029	SST	110	1366	150,26	1220	134,2	135,15	135,26	500	364,85	364,74
SIH-CS-08	121210P008	007	2211121J027	030	SST	110	1366	150,26	1220	134,2	134,81	134,92	500	365,19	365,08
SIH-CS-08	121210P008	003	2211121J027	031	SST	110	1366	150,26	1220	134,2	135,35	135,42	500	364,65	364,58
SIH-CS-08	121210P007	012	2211121J027	032	SST	110	1352	148,72	1245	136,95	138,98	139,07	500	361,02	360,93
SIH-CS-08	121210P007	023	2211121J027	033	SST	110	1352	148,72	1245	136,95	138,63	138,70	500	361,37	361,30
SIH-CS-08	121210P007	009	2211121J027	034	SST	110	1352	148,72	1245	136,95	138,85	138,97	500	361,15	361,03
SIH-CS-08	121210P005	013	2211121J027	036							4,10	4,26			
SIH-CS-08	121210P005	014	2211121J027	037	SST	110	1350	148,5	1230	135,3	134,81	134,90	500	365,19	365,10
SIH-CS-08	121210P005	002	2211121J027	038	SST	110	1350	148,5	1230	135,3	133,94	134,08	500	366,07	365,92
SIH-CS-08	121210P008	012	2211121J027	039	SST	110	1366	150,26	1220	134,2	134,41	134,57	500	365,59	365,43
SIH-CS-08	121210P008	025	2211121J027	040	SST	110	1366	150,26	1220	134,2	134,74	134,86	500	365,26	365,14
SIH-CS-08	121210P008	020	2211121J027	041	SST	110	1366	150,26	1220	134,2	134,88	134,91	500	365,12	365,09
SIH-CS-08	121210P008	004	2211121J027	042	SST	110	1366	150,26	1220	134,2	135,17	135,19	500	364,83	364,81
SIH-CS-08	121210P008	016	2211121J027	043	SST	110	1366	150,26	1220	134,2	135,01	134,99	500	364,99	365,01
SIH-CS-08	121210P007	024	2211121J027	044	SST	110	1352	148,72	1245	136,95	139,12	139,18	500	360,88	360,82
SIH-CS-08	121210P007	010	2211121J027	045	SST	110	1352	148,72	1245	136,95	139,39	139,46	500	360,61	360,54
SIH-CS-08	121210P007	018	2211121J027	046	SST	110	1352	148,72	1245	136,95	139,19	139,25	500	360,81	360,75
SIH-CS-08	121210P007	013	2211121J027	047							4,24	4,36			
SIH-CS-08	121210P005	003	2211121J027	048	SST	110	1350	148,5	1230	135,3	133,87	134,10	500	366,13	365,90
SIH-CS-08	121210P005	015	2211121J027	049	SST	110	1350	148,5	1230	135,3	134,41	134,63	500	365,59	365,37

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASE / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASE / IDAS
SIH-CS-08	121210P005	005	2211121J027	050	SST	110	1350	148,5	1230	135,3	134,47	134,69	500	365,53	365,31
SIH-CS-08	121210P005	019	2211121J027	051	SST	110	1350	148,5	1230	135,3	134,47	134,74	500	365,53	365,26
SIH-CS-08	121210P008	008	2211121J027	052	SST	110	1366	150,26	1220	134,2	135,35	135,44	500	364,65	364,56
SIH-CS-08	121210P008	021	2211121J027	053	SST	110	1366	150,26	1220	134,2	134,00	134,63	500	366,00	365,37
SIH-CS-08	121210P008	017	2211121J027	054	SST	110	1366	150,26	1220	134,2	135,15	135,38	500	364,85	364,62
SIH-CS-08	121210P006	005	2211121J027	055	SST	110	1346	148,06	1245	136,95	137,24	137,45	500	362,77	362,55
SIH-CS-08	121210P007	011	2211121J027	056	SST	110	1352	148,72	1245	136,95	139,46	139,58	500	360,55	360,42
SIH-CS-08	121210P007	019	2211121J027	057	SST	110	1352	148,72	1245	136,95	138,53	139,05	500	361,47	360,95
SIH-CS-08	121210P007	005	2211121J027	058	SST	110	1352	148,72	1245	136,95	139,39	139,51	500	360,61	360,49
SIH-CS-08	121210P005	004	2211121J027	059	SST	110	1350	148,5	1230	135,3	133,94	134,55	500	366,07	365,45
SIH-CS-08	121210P005	016	2211121J027	060	SST	110	1350	148,5	1230	135,3	134,34	134,51	500	365,66	365,49
SIH-CS-08	121210P005	018	2211121J027	061	SST	110	1350	148,5	1230	135,3	134,12	134,77	500	365,88	365,23
SIH-CS-08	121210P005	006	2211121J027	062	SST	110	1350	148,5	1230	135,3	134,95	135,11	500	365,06	364,89
SIH-CS-08	121210P005	020	2211121J027	063	SST	110	1350	148,5	1230	135,3	134,61	135,09	500	365,39	364,91
SIH-CS-08	121210P006	018	2211121J027	066	SST	110	1346	148,06	1245	136,95	137,64	137,78	500	362,36	362,22
SIH-CS-08	121210P006	006	2211121J027	067	SST	110	1346	148,06	1245	136,95	137,91	138,05	500	362,09	361,95
SIH-CS-08	121210P007	006	2211121J027	068	SST	110	1352	148,72	1245	136,95	139,25	139,39	500	360,75	360,61
SIH-CS-08	121210P007	020	2211121J027	069	SST	110	1352	148,72	1245	136,95	139,12	139,14	500	360,88	360,86
SIH-CS-08	121210P007	021	2211121J027	070	SST	110	1352	148,72	1245	136,95	139,17	139,60	500	360,83	360,40
SIH-CS-08	121210P005	017	2211121J027	071	SST	110	1350	148,5	1230	135,3	134,47	134,59	500	365,53	365,41
SIH-CS-08	121210P005	009	2211121J027	072	SST	110	1350	148,5	1230	135,3	134,34	134,50	500	365,66	365,50
SIH-CS-08	121210P005	008	2211121J027	073	SST	110	1350	148,5	1230	135,3	134,95	135,14	500	365,06	364,86
SIH-CS-08	121210P005	021	2211121J027	074	SST	110	1350	148,5	1230	135,3	134,74	134,95	500	365,26	365,05
SIH-CS-08	121210P005	007	2211121J027	075	SST	110	1350	148,5	1230	135,3	134,41	134,99	500	365,59	365,01
SIH-CS-08	121210P006	020	2211121J027	076	SST	110	1346	148,06	1245	136,95	137,64	137,79	500	362,36	362,21
SIH-CS-08	121210P006	007	2211121J027	077	SST	110	1346	148,06	1245	136,95	138,11	138,32	500	361,89	361,68
SIH-CS-08	121210P006	019	2211121J027	078	SST	110	1346	148,06	1245	136,95	137,49	137,70	500	362,51	362,30
SIH-CS-08	121210P007	014	2211121J027	079	SST	110	1352	148,72	1245	136,95	138,78	138,87	500	361,22	361,13
SIH-CS-08	121210P007	007	2211121J027	080	SST	110	1352	148,72	1245	136,95	139,05	139,19	500	360,95	360,81
SIH-CS-08	121210P007	008	2211121J027	081	SST	110	1352	148,72	1245	136,95	139,52	139,59	500	360,48	360,41
SIH-CS-08	121210P005	022	2211121J027	083	SST	110	1350	148,5	1230	135,3	134,47	134,71	500	365,53	365,29
SIH-CS-08	121210P005	010	2211121J027	084	SST	110	1350	148,5	1230	135,3	134,12	134,28	500	365,88	365,72
SIH-CS-08	121210P005	011	2211121J027	085	SST	110	1350	148,5	1230	135,3	134,81	134,91	500	365,19	365,09
SIH-CS-08	121210P006	001	2211121J027	086	SST	110	1346	148,06	1245	136,95	137,30	137,46	500	362,70	362,54

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-08	121210P006	014	2211121J027	087	SST	110	1346	148,06	1245	136,95	136,90	137,02	500	363,10	362,98
SIH-CS-08	121210P006	021	2211121J027	088	SST	110	1346	148,06	1245	136,95	137,91	138,08	500	362,09	361,92
SIH-CS-08	121210P006	008	2211121J027	089	SST	110	1346	148,06	1245	136,95	137,84	137,99	500	362,16	362,01
SIH-CS-08	121210P007	001	2211121J027	090	SST	110	1352	148,72	1245	136,95	139,46	139,50	500	360,55	360,50
SIH-CS-08	121210P007	016	2211121J027	091	SST	110	1352	148,72	1245	136,95	139,12	139,18	500	360,88	360,82
SIH-CS-08	121210P007	003	2211121J027	092	SST	110	1352	148,72	1245	136,95	138,25	138,41	500	361,76	361,59
SIH-CS-08	121210P005	023	2211121J027	095	SST	110	1350	148,5	1230	135,3	133,94	134,53	500	366,07	365,47
SIH-CS-08	121210P005	024	2211121J027	096	SST	110	1350	148,5	1230	135,3	134,27	134,40	500	365,73	365,60
SIH-CS-08	121210P006	002	2211121J027	097	SST	110	1346	148,06	1245	136,95	136,76	136,90	500	363,24	363,10
SIH-CS-08	121210P006	015	2211121J027	098	SST	110	1346	148,06	1245	136,95	136,76	136,89	500	363,24	363,11
SIH-CS-08	121210P006	022	2211121J027	099	SST	110	1346	148,06	1245	136,95	137,73	137,83	500	362,28	362,17
SIH-CS-08	121210P006	009	2211121J027	100	SST	110	1346	148,06	1245	136,95	137,10	137,25	500	362,90	362,75
SIH-CS-08	121210P007	015	2211121J027	101	SST	110	1352	148,72	1245	136,95	138,11	138,66	500	361,89	361,34
SIH-CS-08	121210P007	002	2211121J027	102	SST	110	1352	148,72	1245	136,95	138,98	139,11	500	361,02	360,89
SIH-CS-08	121210P007	004	2211121J027	103	SST	110	1352	148,72	1245	136,95	138,72	139,15	500	361,29	360,85
SIH-CS-08	121210P005	025	2211121J027	106	SST	110	1350	148,5	1230	135,3	133,80	133,94	500	366,20	366,06
SIH-CS-08	121210P005	012	2211121J027	107	SST	110	1350	148,5	1230	135,3	134,34	134,44	500	365,66	365,56
SIH-CS-08	121210P006	003	2211121J027	108	SST	110	1346	148,06	1245	136,95	136,56	136,73	500	363,44	363,27
SIH-CS-08	121210P006	016	2211121J027	109	SST	110	1346	148,06	1245	136,95	136,90	137,00	500	363,10	363,00
SIH-CS-08	121210P006	023	2211121J027	110	SST	110	1346	148,06	1245	136,95	137,17	137,36	500	362,83	362,64
SIH-CS-08	121210P006	010	2211121J027	111	SST	110	1346	148,06	1245	136,95	137,37	137,56	500	362,63	362,44
SIH-CS-08	121210P006	025	2211121J027	112	SST	110	1346	148,06	1245	136,95	137,44	137,52	500	362,56	362,48
SIH-CS-08	121210P007	017	2211121J027	113	SST	110	1352	148,72	1245	136,95	138,65	138,72	500	361,35	361,28
SIH-CS-08	121210P006	004	2211121J027	116	SST	110	1346	148,06	1245	136,95	136,90	137,00	500	363,10	363,00
SIH-CS-08	121210P006	017	2211121J027	117	SST	110	1346	148,06	1245	136,95	136,02	136,13	500	363,98	363,87
SIH-CS-08	121210P006	024	2211121J027	118	SST	110	1346	148,06	1245	136,95	137,44	137,50	500	362,56	362,50
SIH-CS-08	121210P006	011	2211121J027	119	SST	110	1346	148,06	1245	136,95	137,17	137,24	500	362,83	362,76
SIH-CS-08	121210P006	012	2211121J027	120	SST	110	1346	148,06	1245	136,95	137,37	137,62	500	362,63	362,38
SIH-CS-08	121210P006	013	2211121J027	128	SST				1245	0	4,17	4,37			
SIH-CS-09	121210P004	013	2211121J028	004	SST						4,10	4,36			
SIH-CS-09	121210P004	022	2211121J028	009	SST	110	1340	147,4	1290	141,9	142,35	142,44	500	357,65	357,56
SIH-CS-09	121210P004	005	2211121J028	010	SST	110	1340	147,4	1290	141,9	142,01	142,19	500	357,99	357,81
SIH-CS-09	121210P004	018	2211121J028	011	SST	110	1340	147,4	1290	141,9	142,41	142,87	500	357,59	357,13

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-09	121210P004	014	2211121J028	012	SST	110	1340	147,4	1290	141,9	142,75	142,80	500	357,25	357,20
SIH-CS-09	121210P004	001	2211121J028	013	SST	110	1340	147,4	1290	141,9	142,95	142,99	500	357,05	357,01
SIH-CS-09	121210P004	024	2211121J028	016	SST	110	1340	147,4	1290	141,9	142,28	142,33	500	357,72	357,67
SIH-CS-09	121210P004	009	2211121J028	017	SST	110	1340	147,4	1290	141,9	142,35	142,42	500	357,65	357,58
SIH-CS-09	121210P004	023	2211121J028	018	SST	110	1340	147,4	1290	141,9	142,62	142,73	500	357,39	357,27
SIH-CS-09	121210P004	006	2211121J028	019	SST	110	1340	147,4	1290	141,9	142,15	142,35	500	357,86	357,65
SIH-CS-09	121210P004	015	2211121J028	020	SST	110	1340	147,4	1290	141,9	143,09	143,18	500	356,91	356,82
SIH-CS-09	121210P004	002	2211121J028	021	SST	110	1340	147,4	1290	141,9	142,82	142,91	500	357,18	357,09
SIH-CS-09	121210P003	025	2211121J028	022	SST	110	1332	146,52	1295	142,45	143,42	143,54	500	356,58	356,46
SIH-CS-09	121210P003	022	2211121J028	023	SST	110	1332	146,52	1295	142,45	143,36	143,49	500	356,65	356,51
SIH-CS-09	121210P001	001	2211121J028	026	SST	110	1366	150,26	1350	148,5	147,17	147,33	500	352,83	352,67
SIH-CS-09	121210P004	011	2211121J028	027	SST	110	1340	147,4	1290	141,9	142,80	142,92	500	357,20	357,08
SIH-CS-09	121210P004	010	2211121J028	028	SST	110	1340	147,4	1290	141,9	142,41	142,56	500	357,59	357,44
SIH-CS-09	121210P004	019	2211121J028	029	SST	110	1340	147,4	1290	141,9	142,75	142,91	500	357,25	357,09
SIH-CS-09	121210P004	007	2211121J028	030	SST	110	1340	147,4	1290	141,9	142,95	143,09	500	357,05	356,91
SIH-CS-09	121210P004	003	2211121J028	031	SST	110	1340	147,4	1290	141,9	143,29	143,46	500	356,71	356,54
SIH-CS-09	121210P003	012	2211121J028	032	SST	110	1332	146,52	1295	142,45	143,69	143,80	500	356,31	356,20
SIH-CS-09	121210P003	023	2211121J028	033	SST	110	1332	146,52	1295	142,45	143,83	143,99	500	356,17	356,01
SIH-CS-09	121210P003	009	2211121J028	034	SST	110	1332	146,52	1295	142,45	143,83	143,90	500	356,17	356,10
SIH-CS-09	121210P001	013	2211121J028	036							4,30	4,50			
SIH-CS-09	121210P001	014	2211121J028	037	SST	110	1366	150,26	1350	148,5	147,32	147,41	500	352,68	352,59
SIH-CS-09	121210P001	002	2211121J028	038	SST	110	1366	150,26	1350	148,5	147,32	147,46	500	352,68	352,54
SIH-CS-09	121210P004	012	2211121J028	039	SST	110	1340	147,4	1290	141,9	141,74	141,82	500	358,26	358,18
SIH-CS-09	121210P004	025	2211121J028	040	SST	110	1340	147,4	1290	141,9	142,08	142,18	500	357,92	357,82
SIH-CS-09	121210P004	020	2211121J028	041	SST	110	1340	147,4	1290	141,9	142,41	142,48	500	357,59	357,52
SIH-CS-09	121210P004	004	2211121J028	042	SST	110	1340	147,4	1290	141,9	142,08	142,23	500	357,92	357,77
SIH-CS-09	121210P004	016	2211121J028	043	SST	110	1340	147,4	1290	141,9	142,68	142,67	500	357,32	357,33
SIH-CS-09	121210P003	024	2211121J028	044	SST	110	1332	146,52	1295	142,45	143,42	143,46	500	356,58	356,54
SIH-CS-09	121210P003	010	2211121J028	045	SST	110	1332	146,52	1295	142,45	143,42	143,53	500	356,58	356,47
SIH-CS-09	121210P003	018	2211121J028	046	SST	110	1332	146,52	1295	142,45	143,69	143,76	500	356,31	356,24
SIH-CS-09	121210P003	013	2211121J028	047							4,17	4,37			
SIH-CS-09	121210P001	003	2211121J028	048	SST	110	1366	150,26	1350	148,5	148,06	148,21	500	351,94	351,79
SIH-CS-09	121210P001	015	2211121J028	049	SST	110	1366	150,26	1350	148,5	147,91	148,03	500	352,09	351,97
SIH-CS-09	121210P001	005	2211121J028	050	SST	110	1366	150,26	1350	148,5	148,60	148,78	500	351,40	351,22

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-09	121210P001	019	2211121J028	051	SST	110	1366	150,26	1350	148,5	148,73	148,84	500	351,27	351,16
SIH-CS-09	121210P004	008	2211121J028	052	SST	110	1340	147,4	1290	141,9	142,95	143,12	500	357,05	356,88
SIH-CS-09	121210P004	021	2211121J028	053	SST	110	1340	147,4	1290	141,9	142,48	142,68	500	357,52	357,32
SIH-CS-09	121210P004	017	2211121J028	054	SST	110	1340	147,4	1290	141,9	142,80	142,99	500	357,20	357,01
SIH-CS-09	121210P002	005	2211121J028	055	SST	110	1378	151,58	1320	145,2	145,84	146,02	500	354,16	353,98
SIH-CS-09	121210P003	011	2211121J028	056	SST	110	1332	146,52	1295	142,45	143,74	143,86	500	356,26	356,14
SIH-CS-09	121210P003	019	2211121J028	057	SST	110	1332	146,52	1295	142,45	143,15	143,19	500	356,85	356,81
SIH-CS-09	121210P003	005	2211121J028	058	SST	110	1332	146,52	1295	142,45	143,02	143,15	500	356,98	356,85
SIH-CS-09	121210P001	004	2211121J028	059	SST	110	1366	150,26	1350	148,5	147,73	147,87	500	352,27	352,13
SIH-CS-09	121210P001	016	2211121J028	060	SST	110	1366	150,26	1350	148,5	147,34	147,43	500	352,66	352,57
SIH-CS-09	121210P001	018	2211121J028	061	SST	110	1366	150,26	1350	148,5	148,00	148,07	500	352,01	351,93
SIH-CS-09	121210P001	006	2211121J028	062	SST	110	1366	150,26	1350	148,5	148,26	148,44	500	351,74	351,56
SIH-CS-09	121210P001	020	2211121J028	063	SST	110	1366	150,26	1350	148,5	148,13	148,57	500	351,87	351,43
SIH-CS-09	121210P002	018	2211121J028	066	SST	110	1378	151,58	1320	145,2	146,31	146,36	500	353,69	353,64
SIH-CS-09	121210P002	006	2211121J028	067	SST	110	1378	151,58	1320	145,2	145,78	145,93	500	354,22	354,07
SIH-CS-09	121210P003	006	2211121J028	068	SST	110	1332	146,52	1295	142,45	143,83	143,85	500	356,17	356,15
SIH-CS-09	121210P003	020	2211121J028	069	SST	110	1332	146,52	1295	142,45	143,56	143,54	500	356,44	356,46
SIH-CS-09	121210P003	021	2211121J028	070	SST	110	1332	146,52	1295	142,45	143,36	143,37	500	356,65	356,63
SIH-CS-09	121210P001	017	2211121J028	071	SST	110	1366	150,26	1350	148,5	147,73	147,77	500	352,27	352,23
SIH-CS-09	121210P001	009	2211121J028	072	SST	110	1366	150,26	1350	148,5	148,47	148,54	500	351,54	351,46
SIH-CS-09	121210P001	008	2211121J028	073	SST	110	1366	150,26	1350	148,5	148,40	148,55	500	351,60	351,45
SIH-CS-09	121210P001	021	2211121J028	074	SST	110	1366	150,26	1350	148,5	148,40	148,92	500	351,60	351,08
SIH-CS-09	121210P001	007	2211121J028	075	SST	110	1366	150,26	1350	148,5	148,80	148,85	500	351,20	351,15
SIH-CS-09	121210P002	020	2211121J028	076	SST	110	1378	151,58	1320	145,2	145,64	145,71	500	354,36	354,29
SIH-CS-09	121210P002	007	2211121J028	077	SST	110	1378	151,58	1320	145,2	145,98	146,13	500	354,02	353,87
SIH-CS-09	121210P002	019	2211121J028	078	SST	110	1378	151,58	1320	145,2	146,11	146,23	500	353,89	353,77
SIH-CS-09	121210P003	014	2211121J028	079	SST	110	1332	146,52	1295	142,45	143,58	143,59	500	356,42	356,41
SIH-CS-09	121210P003	007	2211121J028	080	SST	110	1332	146,52	1295	142,45	143,09	143,21	500	356,91	356,79
SIH-CS-09	121210P003	008	2211121J028	081	SST	110	1332	146,52	1295	142,45	143,76	143,77	500	356,24	356,23
SIH-CS-09	121210P001	022	2211121J028	083	SST	110	1366	150,26	1350	148,5	147,93	148,00	500	352,07	352,00
SIH-CS-09	121210P001	010	2211121J028	084	SST	110	1366	150,26	1350	148,5	147,86	147,93	500	352,14	352,07
SIH-CS-09	121210P001	011	2211121J028	085	SST	110	1366	150,26	1350	148,5	147,52	147,55	500	352,48	352,45
SIH-CS-09	121210P002	001	2211121J028	086	SST	110	1378	151,58	1320	145,2	145,17	145,23	500	354,83	354,77
SIH-CS-09	121210P002	014	2211121J028	087	SST	110	1378	151,58	1320	145,2	145,44	145,52	500	354,56	354,48

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-09	121210P002	021	2211121J028	088	SST	110	1378	151,58	1320	145,2	145,51	145,65	500	354,49	354,35
SIH-CS-09	121210P002	008	2211121J028	089	SST	110	1378	151,58	1320	145,2	146,05	146,08	500	353,96	353,92
SIH-CS-09	121210P003	001	2211121J028	090	SST	110	1332	146,52	1295	142,45	144,23	144,29	500	355,77	355,71
SIH-CS-09	121210P003	016	2211121J028	091	SST	110	1332	146,52	1295	142,45	143,56	143,52	500	356,44	356,48
SIH-CS-09	121210P003	003	2211121J028	092	SST	110	1332	146,52	1295	142,45	144,10	144,21	500	355,91	355,79
SIH-CS-09	121210P001	023	2211121J028	095	SST	110	1366	150,26	1350	148,5	147,57	148,03	500	352,43	351,97
SIH-CS-09	121210P001	024	2211121J028	096	SST	110	1366	150,26	1350	148,5	148,18	148,27	500	351,82	351,73
SIH-CS-09	121210P002	002	2211121J028	097	SST	110	1378	151,58	1320	145,2	145,17	145,32	500	354,83	354,68
SIH-CS-09	121210P002	015	2211121J028	098	SST	110	1378	151,58	1320	145,2	145,78	145,91	500	354,22	354,09
SIH-CS-09	121210P002	022	2211121J028	099	SST	110	1378	151,58	1320	145,2	146,38	146,45	500	353,62	353,55
SIH-CS-09	121210P002	009	2211121J028	100	SST	110	1378	151,58	1320	145,2	146,11	146,17	500	353,89	353,83
SIH-CS-09	121210P003	015	2211121J028	101	SST	110	1332	146,52	1295	142,45	143,60	143,97	500	356,40	356,03
SIH-CS-09	121210P003	002	2211121J028	102	SST	110	1332	146,52	1295	142,45	143,71	143,88	500	356,29	356,12
SIH-CS-09	121210P003	004	2211121J028	103	SST	110	1332	146,52	1295	142,45	143,56	143,67	500	356,44	356,33
SIH-CS-09	121210P001	025	2211121J028	106	SST	110	1366	150,26	1350	148,5	147,59	147,67	500	352,41	352,33
SIH-CS-09	121210P001	012	2211121J028	107	SST	110	1366	150,26	1350	148,5	148,20	148,21	500	351,80	351,79
SIH-CS-09	121210P002	003	2211121J028	108	SST	110	1378	151,58	1320	145,2	145,91	145,99	500	354,09	354,01
SIH-CS-09	121210P002	016	2211121J028	109	SST	110	1378	151,58	1320	145,2	145,37	145,39	500	354,63	354,61
SIH-CS-09	121210P002	023	2211121J028	110	SST	110	1378	151,58	1320	145,2	145,98	146,04	500	354,02	353,96
SIH-CS-09	121210P002	010	2211121J028	111	SST	110	1378	151,58	1320	145,2	146,05	146,18	500	353,96	353,82
SIH-CS-09	121210P002	025	2211121J028	112	SST	110	1378	151,58	1320	145,2	146,25	146,34	500	353,75	353,66
SIH-CS-09	121210P003	017	2211121J028	113	SST	110	1332	146,52	1295	142,45	143,89	144,04	500	356,11	355,96
SIH-CS-09	121210P002	004	2211121J028	116	SST	110	1378	151,58	1320	145,2	144,83	144,90	500	355,17	355,10
SIH-CS-09	121210P002	017	2211121J028	117	SST	110	1378	151,58	1320	145,2	145,64	145,65	500	354,36	354,35
SIH-CS-09	121210P002	024	2211121J028	118	SST	110	1378	151,58	1320	145,2	146,18	146,24	500	353,82	353,76
SIH-CS-09	121210P002	011	2211121J028	119	SST	110	1378	151,58	1320	145,2	145,71	145,69	500	354,29	354,31
SIH-CS-09	121210P002	012	2211121J028	120	SST	110	1378	151,58	1320	145,2	146,25	146,34	500	353,75	353,66
SIH-CS-09	121210P002	013	2211121J028	128							4,30	4,42			
SIH-CS-10	121100P019	015	2211121J034	005	BRASS	1,4	1799	2,3394	1790	2,506	2,42	2,55	10	7,58	7,45
SIH-CS-10	121100P019	014	2211121J034	006	BRASS	1,4	1799	2,3394	1790	2,506	2,49	2,52	10	7,51	7,48
SIH-CS-10	121100P019	031	2211121J034	010	SST	110	1799	197,89	1790	196,9	197,17	197,44	1000	802,83	802,56
SIH-CS-10	121100P019	030	2211121J034	011	SST	110	1799	197,89	1790	196,9	196,16	196,72	1000	803,84	803,28
SIH-CS-10	121100P019	033	2211121J034	012	BRASS	1,4	1799	2,3394	1790	2,506	2,42	2,53	10	7,58	7,47

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-10	121100P019	032	2211121J034	013	BRASS	1,4	1799	2,3394	1790	2,506	2,49	2,54	10	7,51	7,46
SIH-CS-10	121100P019	012	2211121J034	018	SST	110	1799	197,89	1790	196,9	196,63	196,88	1000	803,37	803,12
SIH-CS-10	121100P019	011	2211121J034	019	SST	110	1799	197,89	1790	196,9	197,57	197,77	1000	802,43	802,23
SIH-CS-10	121100P019	013	2211121J034	020						0	28,31	28,49			
SIH-CS-10	121100P019	017	2211121J034	021	BRASS	1,4	1799	2,3394	1790	2,506	2,42	2,53	50	47,58	47,47
SIH-CS-10	121100P019	016	2211121J034	022	BRASS	1,4	1799	2,3394	1790	2,506	2,49	2,56	50	47,51	47,44
SIH-CS-10	121100P021	034	2211121J034	023	BRASS	1,4	1782	2,3394	1790	2,506	2,42	2,52	30	27,58	27,48
SIH-CS-10	121100P021	015	2211121J034	024	BRASS	1,4	1782	2,3394	1790	2,506	2,42	2,52	30	27,58	27,48
SIH-CS-10	121100P019	020	2211121J034	029	SST	110	1799	197,89	1790	196,9	197,75	198,15	1000	802,25	801,85
SIH-CS-10	121100P019	021	2211121J034	030	SST	110	1799	197,89	1790	196,9	196,50	197,03	1000	803,50	802,97
SIH-CS-10	121100P019	003	2211121J034	031						0	28,78	28,93			
SIH-CS-10	121100P019	035	2211121J034	032	BRASS	1,4	1799	2,3394	1790	2,506			50	50,00	50,00
SIH-CS-10	121100P019	034	2211121J034	033	BRASS	1,4	1799	2,3394	1790	2,506	2,22	2,54	50	47,78	47,46
SIH-CS-10	121100P021	033	2211121J034	034	BRASS	1,4	1782	2,3394	1790	2,506	2,49	2,56	30	27,51	27,44
SIH-CS-10	121100P021	014	2211121J034	035	BRASS	1,4	1782	2,3394	1790	2,506	2,49	2,56	30	27,51	27,44
SIH-CS-10	121100P019	029	2211121J034	039						0	28,38	28,48			
SIH-CS-10	121100P019	001	2211121J034	041	SST	110	1799	197,89	1790	196,9	197,95	198,27	1000	802,05	801,73
SIH-CS-10	121100P019	002	2211121J034	042	SST	110	1799	197,89	1790	196,9	197,10	197,46	1000	802,90	802,54
SIH-CS-10	121100P019	019	2211121J034	043	BRASS	1,4	1799	2,3394	1790	2,506	2,42	2,49	50	47,58	47,51
SIH-CS-10	121100P019	037	2211121J034	044	BRASS	1,4	1799	2,3394	1790	2,506	2,42	2,50	50	47,58	47,50
SIH-CS-10	121100P021	035	2211121J034	045	BRASS	1,4	1782	2,3394	1790	2,506	2,49	2,49	30	27,51	27,51
SIH-CS-10	121100P021	016	2211121J034	046	BRASS	1,4	1782	2,3394	1790	2,506	2,49	2,56	30	27,51	27,44
SIH-CS-10	121100P019	027	2211121J034	050	SST	110	1799	197,89	1790	196,9	195,82	196,03	1000	804,18	803,97
SIH-CS-10	121100P019	010	2211121J034	051	SST	110	1799	197,89	1790	196,9	196,56	196,85	1000	803,44	803,15
SIH-CS-10	121100P019	026	2211121J034	052	SST	110	1799	197,89	1790	196,9	197,91	198,16	1000	802,09	801,84
SIH-CS-10	121100P019	025	2211121J034	053	SST	110	1799	197,89	1790	196,9	196,09	196,54	1000	803,91	803,46
SIH-CS-10	121100P019	024	2211121J034	054						0	28,64	28,77			
SIH-CS-10	121100P019	018	2211121J034	055	BRASS	1,4	1799	2,3394	1790	2,506	2,49	2,58	50	47,51	47,42
SIH-CS-10	121100P019	036	2211121J034	056	BRASS	1,4	1799	2,3394	1790	2,506	2,42	2,55	50	47,58	47,45
SIH-CS-10	121100P021	036	2211121J034	057	BRASS	1,4	1782	2,3394	1790	2,506	2,42	2,53	30	27,58	27,47
SIH-CS-10	121100P021	017	2211121J034	058	BRASS	1,4	1782	2,3394	1790	2,506	2,42	2,55	30	27,58	27,45
SIH-CS-10	121100P019	028	2211121J034	061	SST	110	1799	197,89	1790	196,9	195,69	195,94	1000	804,31	804,06
SIH-CS-10	121100P019	009	2211121J034	062	SST	110	1799	197,89	1790	196,9	196,20	196,44	1000	803,80	803,56
SIH-CS-10	121100P019	007	2211121J034	063	SST	110	1799	197,89	1790	196,9	196,63	196,86	1000	803,37	803,14

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-10	121100P019	006	2211121J034	064	SST	110	1799	197,89	1790	196,9	197,64	197,84	1000	802,36	802,16
SIH-CS-10	121100P019	005	2211121J034	065	SST	110	1799	197,89	1790	196,9	197,57	197,94	1000	802,43	802,06
SIH-CS-10	121100P019	004	2211121J034	066	SST	110	1799	197,89	1790	196,9	196,90	197,21	1000	803,10	802,79
SIH-CS-10	121100P023	037	2211121J034	067	BRASS	1,4	1816	2,3394	1830	2,562	2,56	2,54	30	27,45	27,46
SIH-CS-10	121100P023	036	2211121J034	068	BRASS	1,4	1816	2,3394	1830	2,562	2,42	2,53	30	27,58	27,47
SIH-CS-10	121100P023	014	2211121J034	073	SST	110	1816	199,76	1830	201,3	200,60	201,05	1000	799,40	798,95
SIH-CS-10	121100P023	033	2211121J034	074	SST	110	1816	199,76	1830	201,3	199,66	199,97	1000	800,34	800,03
SIH-CS-10	121100P019	008	2211121J034	075						0	28,58	28,68			
SIH-CS-10	121100P019	023	2211121J034	076	SST	110	1799	197,89	1790	196,9	196,90	197,20	1000	803,10	802,80
SIH-CS-10	121100P019	022	2211121J034	077	SST	110	1799	197,89	1790	196,9	197,98	198,27	1000	802,02	801,73
SIH-CS-10	121100P023	018	2211121J034	078	BRASS	1,4	1816	2,3394	1830	2,562	2,49	2,59	30	27,51	27,41
SIH-CS-10	121100P023	017	2211121J034	079	BRASS	1,4	1816	2,3394	1830	2,562	2,49	2,60	30	27,51	27,40
SIH-CS-10	121100P021	027	2211121J034	080	SST	110	1782	196,02	1790	196,9	198,18	198,61	1000	801,82	801,39
SIH-CS-10	121100P021	026	2211121J034	081	SST	110	1782	196,02	1790	196,9	197,71	198,05	1000	802,29	801,95
SIH-CS-10	121100P023	015	2211121J034	084	SST	110	1816	199,76	1830	201,3	199,59	199,90	1000	800,41	800,10
SIH-CS-10	121100P023	034	2211121J034	085	SST	110	1816	199,76	1830	201,3	200,40	200,74	1000	799,60	799,26
SIH-CS-10	121100P023	012	2211121J034	086	SST	110	1816	199,76	1830	201,3	201,07	201,42	1000	798,93	798,58
SIH-CS-10	121100P023	013	2211121J034	087	SST	110	1816	199,76	1830	201,3	200,57	200,90	1000	799,43	799,10
SIH-CS-10	121100P023	021	2211121J034	088	SST	110	1816	199,76	1830	201,3	199,66	199,99	1000	800,34	800,01
SIH-CS-10	121100P023	020	2211121J034	089	SST	110	1816	199,76	1830	201,3	201,21	201,47	1000	798,79	798,53
SIH-CS-10	121100P023	035	2211121J034	090						0	22,93	23,33			
SIH-CS-10	121100P021	007	2211121J034	091	SST	110	1782	196,02	1790	196,9	197,37	197,59	1000	802,63	802,41
SIH-CS-10	121100P021	008	2211121J034	092	SST	110	1782	196,02	1790	196,9	197,98	198,41	1000	802,02	801,59
SIH-CS-10	121100P021	009	2211121J034	093						0	28,98	29,16			
SIH-CS-10	121100P023	032	2211121J034	096						0	28,72	29,14			
SIH-CS-10	121100P023	030	2211121J034	097	SST	110	1816	199,76	1830	201,3	199,86	200,41	1000	800,14	799,59
SIH-CS-10	121100P023	031	2211121J034	098	SST	110	1816	199,76	1830	201,3	201,52	201,80	1000	798,48	798,20
SIH-CS-10	121100P023	003	2211121J034	099	SST	110	1816	199,76	1830	201,3	201,07	201,53	1000	798,93	798,47
SIH-CS-10	121100P023	002	2211121J034	100	SST	110	1816	199,76	1830	201,3	200,27	200,45	1000	799,74	799,55
SIH-CS-10	121100P023	001	2211121J034	101						0	28,31	28,47			
SIH-CS-10	121100P021	030	2211121J034	102						0	28,38	28,54			
SIH-CS-10	121100P021	028	2211121J034	103	SST	110	1782	196,02	1790	196,9	198,15	198,58	1000	801,85	801,42
SIH-CS-10	121100P021	029	2211121J034	104	SST	110	1782	196,02	1790	196,9	197,28	197,60	1000	802,72	802,40
SIH-CS-10	121100P023	027	2211121J034	105						0	28,24	28,40			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-10	121100P023	009	2211121J034	106	SST	110	1816	199,76	1830	201,3	198,85	199,13	1000	801,15	800,87
SIH-CS-10	121100P023	028	2211121J034	107	SST	110	1816	199,76	1830	201,3	198,52	198,72	1000	801,49	801,28
SIH-CS-10	121100P023	006	2211121J034	108						0	28,64	29,13			
SIH-CS-10	121100P023	011	2211121J034	109						0	28,84	28,98			
SIH-CS-10	121100P023	022	2211121J034	110						0	28,71	28,77			
SIH-CS-10	121100P021	005	2211121J034	111	SST	110	1782	196,02	1790	196,9	196,09	196,53	1000	803,91	803,47
SIH-CS-10	121100P021	025	2211121J034	112	SST	110	1782	196,02	1790	196,9	196,09	196,38	1000	803,91	803,62
SIH-CS-10	121100P021	011	2211121J034	113	SST	110	1782	196,02	1790	196,9	197,34	197,70	1000	802,66	802,30
SIH-CS-10	121100P021	010	2211121J034	114	SST	110	1782	196,02	1790	196,9	197,30	197,67	1000	802,70	802,33
SIH-CS-10	121100P023	010	2211121J034	115	SST	110	1816	199,76	1830	201,3	199,73	200,19	1000	800,27	799,81
SIH-CS-10	121100P023	007	2211121J034	116	SST	110	1816	199,76	1830	201,3	200,27	200,52	1000	799,74	799,48
SIH-CS-10	121100P023	008	2211121J034	117	SST	110	1816	199,76	1830	201,3	200,17	200,24	1000	799,83	799,76
SIH-CS-10	121100P023	004	2211121J034	118	SST	110	1816	199,76	1830	201,3	200,27	200,48	1000	799,74	799,52
SIH-CS-10	121100P023	005	2211121J034	119	SST	110	1816	199,76	1830	201,3	201,28	201,62	1000	798,73	798,38
SIH-CS-10	121100P021	006	2211121J034	120	SST	110	1782	196,02	1790	196,9	196,50	196,81	1000	803,50	803,19
SIH-CS-10	121100P021	023	2211121J034	121						0	28,51	28,63			
SIH-CS-10	121100P023	029	2211121J034	122	SST	110	1816	199,76	1830	201,3	199,26	199,48	1000	800,74	800,52
SIH-CS-10	121100P023	025	2211121J034	123	SST	110	1816	199,76	1830	201,3	201,01	201,23	1000	799,00	798,77
SIH-CS-10	121100P023	026	2211121J034	124	SST	110	1816	199,76	1830	201,3	200,27	200,50	1000	799,74	799,50
SIH-CS-10	121100P023	023	2211121J034	125	SST	110	1816	199,76	1830	201,3	201,07	201,45	1000	798,93	798,55
SIH-CS-10	121100P023	024	2211121J034	126	SST	110	1816	199,76	1830	201,3	200,47	200,70	1000	799,53	799,30
SIH-CS-10	121100P021	024	2211121J034	128	SST	110	1782	196,02	1790	196,9	196,00	196,32	1000	804,00	803,68
SIH-CS-11	121100P029	008	2211121J030	002	BRASS	7,8	1795	14,001	1710	13,338	13,45	13,64	100	86,55	86,36
SIH-CS-11	121100P029	026	2211121J030	003							27,84	28,02			
SIH-CS-11	121100P029	028	2211121J030	004	BRASS	7,8	1795	14,001	1710	13,338	13,45	13,60	100	86,55	86,40
SIH-CS-11	121100P029	002	2211121J030	005	BRASS	1,4	1795	2,513	1710	2,394	2,35	2,48	5	2,65	2,52
SIH-CS-11	121100P029	022	2211121J030	007	BRASS	1,4	1795	2,513	1710	2,394	2,35	2,46	5	2,65	2,54
SIH-CS-11	121100P029	007	2211121J030	009	BRASS	7,8	1795	14,001	1710	13,338	13,52	13,62	100	86,49	86,38
SIH-CS-11	121100P029	009	2211121J030	010							27,43	27,63			
SIH-CS-11	121100P029	027	2211121J030	011	BRASS	7,8	1795	14,001	1710	13,338	13,45	13,59	100	86,55	86,41
SIH-CS-11	121100P029	001	2211121J030	012	BRASS	1,4	1795	2,513	1710	2,394	2,29	2,43	5	2,71	2,57
SIH-CS-11	121100P029	003	2211121J030	013							23,67	23,82			
SIH-CS-11	121100P029	020	2211121J030	013							23,40	23,79			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-11	121100P029	004	2211121J030	014	BRASS	7,8	1795	14,001	1710	13,338	13,45	13,58	500	486,55	486,42
SIH-CS-11	121100P025	005	2211121J030	015	BRASS	7,8	1810	14,118	1735	13,533	13,18	13,27	1000	986,82	986,73
SIH-CS-11	121100P025	003	2211121J030	016	BRASS	7,8	1810	14,118	1735	13,533	13,18	13,25	1000	986,82	986,75
SIH-CS-11	121100P025	021	2211121J030	017	BRASS	7,8	1810	14,118	1735	13,533	13,11	13,15	1000	986,89	986,85
SIH-CS-11	121100P029	010	2211121J030	018	SST	110	1795	197,45	1710	188,1	187,88	188,16	1000	812,12	811,84
SIH-CS-11	121100P029	011	2211121J030	019	SST	110	1795	197,45	1710	188,1	187,21	187,75	1000	812,79	812,25
SIH-CS-11	121100P029	016	2211121J030	020	SST	110	1795	197,45	1710	188,1	190,10	190,29	1000	809,90	809,71
SIH-CS-11	121100P029	017	2211121J030	021	SST	110	1795	197,45	1710	188,1	190,10	190,37	1000	809,90	809,63
SIH-CS-11	121100P029	021	2211121J030	022	BRASS	1,4	1795	2,513	1710	2,394	2,29	2,46	5	2,71	2,54
SIH-CS-11	121100P029	023	2211121J030	023					1710		27,37	27,88			
SIH-CS-11	121100P029	005	2211121J030	024	BRASS	7,8	1795	14,001	1710	13,338	13,45	13,59	500	486,55	486,41
SIH-CS-11	121100P025	024	2211121J030	025	BRASS	7,8	1810	14,118	1735	13,533	13,45	13,43	1000	986,55	986,57
SIH-CS-11	121100P025	022	2211121J030	026							11,16	11,34			
SIH-CS-11	121100P025	022	2211121J030	027								11,41			
SIH-CS-11	121100P025	002	2211121J030	028	BRASS	7,8	1810	14,118	1735	13,533	13,38	13,49	1000	986,62	986,51
SIH-CS-11	121100P029	029	2211121J030	029					1710		29,25	29,37			
SIH-CS-11	121100P029	032	2211121J030	030					1710		29,59	29,80			
SIH-CS-11	121100P029	035	2211121J030	031					1710		29,19	29,42			
SIH-CS-11	121100P029	034	2211121J030	033	SST	110	1795	197,45	1710	188,1	190,51	190,82	1000	809,49	809,18
SIH-CS-11	121100P029	033	2211121J030	034	SST	110	1795	197,45	1710	188,1	190,35	190,61	1000	809,65	809,39
SIH-CS-11	121100P025	009	2211121J030	036							22,19	22,30			
SIH-CS-11	121100P025	006	2211121J030	037	BRASS	7,8	1810	14,118	1735	13,533	13,11	13,24	1000	986,89	986,76
SIH-CS-11	121100P025	022	2211121J030	038								11,68			
SIH-CS-11	121100P025	022	2211121J030	039								11,71			
SIH-CS-11	121100P025	020	2211121J030	040	SST	110	1810	199,1	1735	190,85	192,39	192,37	1000	807,61	807,63
SIH-CS-11	121100P029	014	2211121J030	041	SST	110	1795	197,45	1710	188,1	190,04	190,21	1000	809,97	809,79
SIH-CS-11	121100P029	013	2211121J030	042	SST	110	1795	197,45	1710	188,1	189,70	190,11	1000	810,30	809,89
SIH-CS-11	121100P029	012	2211121J030	044					1710		29,65	29,78			
SIH-CS-11	121100P029	015	2211121J030	045					1710		29,72	29,82			
SIH-CS-11	121100P029	018	2211121J030	046					1710		29,59	29,73			
SIH-CS-11	121100P025	028	2211121J030	048	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,40	10	7,65	7,60
SIH-CS-11	121100P025	004	2211121J030	049	SST	110	1810	199,1	1735	190,85	192,86	192,96	1000	807,14	807,04
SIH-CS-11	121100P025	023	2211121J030	050	SST	110	1810	199,1	1735	190,85	192,66	192,70	1000	807,34	807,30
SIH-CS-11	121100P025	001	2211121J030	051	SST	110	1810	199,1	1735	190,85	192,32	192,44	1000	807,68	807,56

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-11	121100P027	014	2211121J030	053	SST	110	1794	197,34	1695	186,45	188,29	188,28	1000	811,71	811,72
SIH-CS-11	121100P027	031	2211121J030	054	SST	110	1794	197,34	1695	186,45	188,87	188,84	1000	811,14	811,16
SIH-CS-11	121100P029	031	2211121J030	055	SST	110	1795	197,45	1710	188,1	190,08	190,37	1000	809,92	809,63
SIH-CS-11	121100P029	030	2211121J030	056	SST	110	1795	197,45	1710	188,1	190,37	190,59	1000	809,63	809,41
SIH-CS-11	121100P029	037	2211121J030	057	SST	110	1795	197,45	1710	188,1	190,10	190,27	1000	809,90	809,73
SIH-CS-11	121100P029	036	2211121J030	058	SST	110	1795	197,45	1710	188,1	190,14	190,45	1000	809,86	809,55
SIH-CS-11	121100P025	011	2211121J030	059	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,45	10	7,65	7,55
SIH-CS-11	121100P025	029	2211121J030	060	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,43	10	7,65	7,57
SIH-CS-11	121100P025	034	2211121J030	061	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,46	10	7,65	7,54
SIH-CS-11	121100P025	016	2211121J030	062	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,43	10	7,65	7,57
SIH-CS-11	121100P027	032	2211121J030	064	SST	110	1794	197,34	1695	186,45	188,69	188,76	1000	811,31	811,24
SIH-CS-11	121100P027	013	2211121J030	065	SST	110	1794	197,34	1695	186,45	188,08	188,12	1000	811,92	811,88
SIH-CS-11	121100P027	023	2211121J030	066	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,40	5	2,71	2,60
SIH-CS-11	121100P027	022	2211121J030	067	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,42	5	2,65	2,58
SIH-CS-11	121100P027	006	2211121J030	068	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,39	5	2,71	2,61
SIH-CS-11	121100P027	005	2211121J030	069	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,45	5	2,65	2,55
SIH-CS-11	121100P025	010	2211121J030	071	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,47	10	7,65	7,53
SIH-CS-11	121100P025	015	2211121J030	072	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,46	10	7,65	7,54
SIH-CS-11	121100P025	017	2211121J030	073							13,92	14,00			
SIH-CS-11	121100P025	035	2211121J030	074	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,42	10	7,65	7,58
SIH-CS-11	121100P025	025	2211121J030	075							27,57	27,63			
SIH-CS-11	121100P027	012	2211121J030	076							27,23	27,35			
SIH-CS-11	121100P027	030	2211121J030	077							27,30	27,57			
SIH-CS-11	121100P027	004	2211121J030	078							23,67	23,82			
SIH-CS-11	121100P027	007	2211121J030	079							23,53	23,66			
SIH-CS-11	121100P027	024	2211121J030	080							23,53	23,67			
SIH-CS-11	121100P027	027	2211121J030	081							23,34	23,47			
SIH-CS-11	121100P025	036	2211121J030	083	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,44	10	7,65	7,56
SIH-CS-11	121100P025	017	2211121J030	084								14,05			
SIH-CS-11	121100P025	019	2211121J030	085	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,44	10	7,65	7,56
SIH-CS-11	121100P025	007	2211121J030	086	SST	110	1810	199,1	1735	190,85	191,58	191,61	1000	808,42	808,39
SIH-CS-11	121100P025	027	2211121J030	087	SST	110	1810	199,1	1735	190,85	192,59	192,45	1000	807,41	807,55
SIH-CS-11	121100P027	028	2211121J030	088	SST	110	1794	197,34	1695	186,45	189,03	189,08	1000	810,97	810,92
SIH-CS-11	121100P027	011	2211121J030	089	SST	110	1794	197,34	1695	186,45	188,42	188,45	1000	811,58	811,55

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-11	121100P027	025	2211121J030	090	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,38	5	2,71	2,62
SIH-CS-11	121100P027	026	2211121J030	091	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,41	5	2,71	2,59
SIH-CS-11	121100P027	008	2211121J030	092	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,43	5	2,65	2,57
SIH-CS-11	121100P027	009	2211121J030	093	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,43	5	2,71	2,57
SIH-CS-11	121100P025	018	2211121J030	095	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,39	10	7,65	7,61
SIH-CS-11	121100P025	037	2211121J030	096	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,43	10	7,65	7,57
SIH-CS-11	121100P025	026	2211121J030	097	SST	110	1810	199,1	1735	190,85	191,65	191,70	1000	808,35	808,30
SIH-CS-11	121100P025	008	2211121J030	098	SST	110	1810	199,1	1735	190,85	192,86	192,87	1000	807,14	807,13
SIH-CS-11	121100P027	010	2211121J030	099	SST	110	1794	197,34	1695	186,45	187,92	188,23	1000	812,08	811,77
SIH-CS-11	121100P027	029	2211121J030	100		110	1794	197,34	1695	186,45	188,69	188,78	1000	811,31	811,22
SIH-CS-11	121100P027	033	2211121J030	101	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,43	5	2,71	2,57
SIH-CS-11	121100P027	034	2211121J030	102	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,42	5	2,65	2,58
SIH-CS-11	121100P025	013	2211121J030	105	BRASS	1,4	1810	2,534	1735	2,429	2,35	2,50	10	7,65	7,50
SIH-CS-11	121100P025	033	2211121J030	106							23,87	23,94			
SIH-CS-11	121100P025	031	2211121J030	107					1735	0	29,45	29,52			
SIH-CS-11	121100P025	030	2211121J030	108	SST	110	1810	199,1	1735	190,85	190,94	190,94	1000	809,06	809,06
SIH-CS-11	121100P027	003	2211121J030	109							11,77	11,93			
SIH-CS-11	121100P027	003	2211121J030	110								11,93			
SIH-CS-11	121100P027	002	2211121J030	111	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,46	5	2,65	2,54
SIH-CS-11	121100P027	015	2211121J030	112							23,60	23,74			
SIH-CS-11	121100P027	019	2211121J030	113	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,40	50	47,71	47,60
SIH-CS-11	121100P027	018	2211121J030	114	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,39	50	47,65	47,61
SIH-CS-11	121100P025	032	2211121J030	115	BRASS	1,4	1810	2,534	1735	2,429	2,42	2,44	10	7,58	7,56
SIH-CS-11	121100P025	012	2211121J030	116	SST	110	1810	199,1	1735	190,85	190,84	190,91	1000	809,16	809,09
SIH-CS-11	121100P027	001	2211121J030	117	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,41	5	2,65	2,59
SIH-CS-11	121100P027	020	2211121J030	118	BRASS	1,4	1794	2,5116	1695	2,373	2,29	2,37	5	2,72	2,63
SIH-CS-11	121100P027	021	2211121J030	119	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,42	5	2,65	2,58
SIH-CS-11	121100P027	036	2211121J030	120	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,38	50	47,65	47,62
SIH-CS-11	121100P027	037	2211121J030	121							23,67	23,75			
SIH-CS-11	121100P027	035	2211121J030	127	BRASS	1,4	1794	2,5116	1695	2,373	2,35	2,43	50	47,65	47,57
SIH-CS-11	121100P027	017	2211121J030	128							23,53	23,61			
SIH-CS-12	121100P020	015	2211121J033	005	BRASS	1,4	1671	2,3394	1630	2,282	2,22	2,38	10	7,78	7,62
SIH-CS-12	121100P020	014	2211121J033	006	BRASS	1,4	1671	2,3394	1630	2,282	2,29	2,35	10	7,71	7,65

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-12	121100P020	031	2211121J033	010	SST	110	1671	183,81	1630	179,3	181,11	181,05	1000	818,89	818,95
SIH-CS-12	121100P020	030	2211121J033	011	SST	110	1671	183,81	1630	179,3	181,92	181,91	1000	818,08	818,09
SIH-CS-12	121100P020	033	2211121J033	012	BRASS	1,4	1671	2,3394	1630	2,282	2,29	2,36	10	7,71	7,64
SIH-CS-12	121100P020	032	2211121J033	013	BRASS	1,4	1671	2,3394	1630	2,282	2,29	2,34	10	7,71	7,66
SIH-CS-12	121100P020	012	2211121J033	018	SST	110	1671	183,81	1630	179,3	182,03	181,99	1000	817,97	818,01
SIH-CS-12	121100P020	011	2211121J033	019	SST	110	1671	183,81	1630	179,3	180,75	180,78	1000	819,25	819,22
SIH-CS-12	121100P020	013	2211121J033	020							26,02	26,09			
SIH-CS-12	121100P020	017	2211121J033	021	BRASS	1,4	1671	2,3394	1630	2,282	2,29	2,36	50	47,71	47,64
SIH-CS-12	121100P020	016	2211121J033	022	BRASS	1,4	1671	2,3394	1630	2,282	2,22	2,37	50	47,78	47,63
SIH-CS-12	121100P022	034	2211121J033	023	BRASS	1,4	1654	2,3394	1620	2,268	2,22	2,32	30	27,78	27,68
SIH-CS-12	121100P022	015	2211121J033	024	BRASS	1,4	1654	2,3394	1620	2,268	2,22	2,32	30	27,78	27,68
SIH-CS-12	121100P020	020	2211121J033	029	SST	110	1671	183,81	1630	179,3	181,29	181,36	1000	818,71	818,64
SIH-CS-12	121100P020	021	2211121J033	030	SST	110	1671	183,81	1630	179,3	182,43	182,50	1000	817,57	817,50
SIH-CS-12	121100P020	003	2211121J033	031						0	26,29	26,42			
SIH-CS-12	121100P020	035	2211121J033	032	BRASS	1,4	1671	2,3394	1630	2,282	2,22	2,34	50	47,78	47,66
SIH-CS-12	121100P020	034	2211121J033	033	BRASS	1,4	1671	2,3394	1630	2,282	2,22	2,34	50	47,78	47,66
SIH-CS-12	121100P022	033	2211121J033	034	BRASS	1,4	1654	2,3394	1620	2,268	2,22	2,37	30	27,78	27,63
SIH-CS-12	121100P022	014	2211121J033	035	BRASS	1,4	1654	2,3394	1620	2,268	2,22	2,36	30	27,78	27,64
SIH-CS-12	121100P020	029	2211121J033	039							25,96	26,02			
SIH-CS-12	121100P020	001	2211121J033	041	SST	110	1671	183,81	1630	179,3	181,02	181,11	1000	818,98	818,89
SIH-CS-12	121100P020	002	2211121J033	042	SST	110	1671	183,81	1630	179,3	181,89	181,95	1000	818,11	818,05
SIH-CS-12	121100P020	019	2211121J033	043	BRASS	1,4	1671	2,3394	1630	2,282	2,22	2,31	50	47,78	47,69
SIH-CS-12	121100P020	037	2211121J033	044	BRASS	1,4	1671	2,3394	1630	2,282	2,22	2,31	50	47,78	47,69
SIH-CS-12	121100P022	035	2211121J033	045	BRASS	1,4	1654	2,3394	1620	2,268	2,22	2,30	30	27,78	27,70
SIH-CS-12	121100P022	016	2211121J033	046	BRASS	1,4	1654	2,3394	1620	2,268	2,29	2,35	30	27,71	27,65
SIH-CS-12	121100P020	027	2211121J033	050	SST	110	1671	183,81	1630	179,3	180,34	180,35	1000	819,66	819,65
SIH-CS-12	121100P020	010	2211121J033	051	SST	110	1671	183,81	1630	179,3	180,28	179,98	1000	819,72	820,02
SIH-CS-12	121100P020	026	2211121J033	052	SST	110	1671	183,81	1630	179,3	180,41	180,41	1000	819,59	819,59
SIH-CS-12	121100P020	025	2211121J033	053	SST	110	1671	183,81	1630	179,3	180,91	181,14	1000	819,09	818,86
SIH-CS-12	121100P020	024	2211121J033	054							26,63	26,72			
SIH-CS-12	121100P020	018	2211121J033	055	BRASS	1,4	1671	2,3394	1630	2,282	2,29	2,37	50	47,71	47,63
SIH-CS-12	121100P020	036	2211121J033	056	BRASS	1,4	1671	2,3394	1630	2,282	2,22	2,34	50	47,78	47,66
SIH-CS-12	121100P022	036	2211121J033	057	BRASS	1,4	1654	2,3394	1620	2,268	2,22	2,33	30	27,78	27,67
SIH-CS-12	121100P022	017	2211121J033	058	BRASS	1,4	1654	2,3394	1620	2,268	2,15	2,33	30	27,85	27,67

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-12	121100P020	028	2211121J033	061	SST	110	1671	183,81	1630	179,3	181,29	181,25	1000	818,71	818,75
SIH-CS-12	121100P020	009	2211121J033	062	SST	110	1671	183,81	1630	179,3	181,78	181,77	1000	818,22	818,23
SIH-CS-12	121100P020	007	2211121J033	063	SST	110	1671	183,81	1630	179,3	180,55	180,55	1000	819,45	819,45
SIH-CS-12	121100P020	006	2211121J033	064	SST	110	1671	183,81	1630	179,3	181,49	181,49	1000	818,51	818,51
SIH-CS-12	121100P020	005	2211121J033	065	SST	110	1671	183,81	1630	179,3	183,24	183,25	1000	816,76	816,75
SIH-CS-12	121100P020	004	2211121J033	066	SST	110	1671	183,81	1630	179,3	182,16	182,19	1000	817,84	817,81
SIH-CS-12	121100P024	037	2211121J033	067	BRASS	1,4	1687	2,3394	1640	2,296	2,22	2,31	30	27,78	27,69
SIH-CS-12	121100P024	036	2211121J033	068	BRASS	1,4	1687	2,3394	1640	2,296	2,22	2,30	30	27,78	27,70
SIH-CS-12	121100P024	014	2211121J033	073	SST	110	1687	185,57	1640	180,4	180,48	180,64	1000	819,52	819,36
SIH-CS-12	121100P024	033	2211121J033	074	SST	110	1687	185,57	1640	180,4	181,22	181,28	1000	818,78	818,72
SIH-CS-12	121100P020	008	2211121J033	075							25,95	26,16			
SIH-CS-12	121100P020	023	2211121J033	076	SST	110	1671	183,81	1630	179,3	182,97	183,02	1000	817,03	816,98
SIH-CS-12	121100P020	022	2211121J033	077	SST	110	1671	183,81	1630	179,3	181,80	181,93	1000	818,20	818,07
SIH-CS-12	121100P024	018	2211121J033	078	BRASS	1,4	1687	2,3394	1640	2,296	2,22	2,34	30	27,78	27,66
SIH-CS-12	121100P024	017	2211121J033	079	BRASS	1,4	1687	2,3394	1640	2,296	2,29	2,37	30	27,71	27,63
SIH-CS-12	121100P022	027	2211121J033	080	SST	110	1654	181,94	1620	178,2	182,68	182,82	1000	817,33	817,18
SIH-CS-12	121100P022	026	2211121J033	081	SST	110	1654	181,94	1620	178,2	181,56	181,64	1000	818,44	818,36
SIH-CS-12	121100P024	015	2211121J033	084	SST	110	1687	185,57	1640	180,4	181,80	181,92	1000	818,20	818,08
SIH-CS-12	121100P024	034	2211121J033	085	SST	110	1687	185,57	1640	180,4	180,48	180,63	1000	819,52	819,37
SIH-CS-12	121100P024	012	2211121J033	086	SST	110	1687	185,57	1640	180,4	181,83	181,94	1000	818,18	818,06
SIH-CS-12	121100P024	013	2211121J033	087	SST	110	1687	185,57	1640	180,4	182,57	182,71	1000	817,44	817,29
SIH-CS-12	121100P024	021	2211121J033	088	SST	110	1687	185,57	1640	180,4	183,17	183,32	1000	816,83	816,68
SIH-CS-12	121100P024	020	2211121J033	089	SST	110	1687	185,57	1640	180,4	182,23	182,46	1000	817,77	817,54
SIH-CS-12	121100P024	035	2211121J033	090							18,83	18,95			
SIH-CS-12	121100P022	007	2211121J033	091	SST	110	1654	181,94	1620	178,2	182,43	182,51	1000	817,57	817,49
SIH-CS-12	121100P022	008	2211121J033	092	SST	110	1654	181,94	1620	178,2	181,69	182,09	1000	818,31	817,91
SIH-CS-12	121100P022	009	2211121J033	093							26,49	26,65			
SIH-CS-12	121100P024	032	2211121J033	096							26,16	26,39			
SIH-CS-12	121100P024	030	2211121J033	097	SST	110	1687	185,57	1640	180,4	181,89	182,11	1000	818,11	817,89
SIH-CS-12	121100P024	031	2211121J033	098	SST	110	1687	185,57	1640	180,4	181,83	182,05	1000	818,18	817,95
SIH-CS-12	121100P024	003	2211121J033	099	SST	110	1687	185,57	1640	180,4	183,17	183,34	1000	816,83	816,66
SIH-CS-12	121100P024	002	2211121J033	100	SST	110	1687	185,57	1640	180,4	182,61	182,58	1000	817,39	817,42
SIH-CS-12	121100P024	001	2211121J033	101							26,56	26,53			
SIH-CS-12	121100P022	030	2211121J033	102							26,49	26,59			

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω/m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-12	121100P022	028	2211121J033	103	SST	110	1654	181,94	1620	178,2	181,29	181,37	1000	818,71	818,63
SIH-CS-12	121100P022	029	2211121J033	104	SST	110	1654	181,94	1620	178,2	181,76	181,92	1000	818,24	818,08
SIH-CS-12	121100P024	027	2211121J033	105							26,43	26,56			
SIH-CS-12	121100P024	009	2211121J033	106	SST	110	1687	185,57	1640	180,4	182,09	182,20	1000	817,91	817,80
SIH-CS-12	121100P024	028	2211121J033	107	SST	110	1687	185,57	1640	180,4	183,17	183,32	1000	816,83	816,68
SIH-CS-12	121100P024	006	2211121J033	108							26,69	26,81			
SIH-CS-12	121100P024	011	2211121J033	109							26,56	26,67			
SIH-CS-12	121100P024	022	2211121J033	110							26,36	26,52			
SIH-CS-12	121100P022	005	2211121J033	111	SST	110	1654	181,94	1620	178,2	181,69	181,80	1000	818,31	818,20
SIH-CS-12	121100P022	025	2211121J033	112	SST	110	1654	181,94	1620	178,2	182,36	182,38	1000	817,64	817,62
SIH-CS-12	121100P022	011	2211121J033	113	SST	110	1654	181,94	1620	178,2	181,02	181,52	1000	818,98	818,48
SIH-CS-12	121100P022	010	2211121J033	114	SST	110	1654	181,94	1620	178,2	180,68	180,77	1000	819,32	819,23
SIH-CS-12	121100P024	010	2211121J033	115	SST	110	1687	185,57	1640	180,4	182,09	182,23	1000	817,91	817,77
SIH-CS-12	121100P024	007	2211121J033	116	SST	110	1687	185,57	1640	180,4	182,63	182,82	1000	817,37	817,18
SIH-CS-12	121100P024	008	2211121J033	117	SST	110	1687	185,57	1640	180,4	183,78	183,90	1000	816,22	816,10
SIH-CS-12	121100P024	004	2211121J033	118	SST	110	1687	185,57	1640	180,4	183,64	183,76	1000	816,36	816,24
SIH-CS-12	121100P024	005	2211121J033	119	SST	110	1687	185,57	1640	180,4	182,75	182,86	1000	817,25	817,14
SIH-CS-12	121100P022	006	2211121J033	120	SST	110	1654	181,94	1620	178,2	181,76	181,84	1000	818,24	818,16
SIH-CS-12	121100P022	023	2211121J033	121							26,69	26,84			
SIH-CS-12	121100P024	029	2211121J033	122	SST	110	1687	185,57	1640	180,4	182,57	182,66	1000	817,44	817,34
SIH-CS-12	121100P024	025	2211121J033	123	SST	110	1687	185,57	1640	180,4	183,31	183,38	1000	816,70	816,62
SIH-CS-12	121100P024	026	2211121J033	124	SST	110	1687	185,57	1640	180,4	182,57	182,62	1000	817,44	817,38
SIH-CS-12	121100P024	023	2211121J033	125	SST	110	1687	185,57	1640	180,4	184,00	184,00	1000	816,00	816,00
SIH-CS-12	121100P024	024	2211121J033	126	SST	110	1687	185,57	1640	180,4	182,83	183,02	1000	817,17	816,98
SIH-CS-12	121100P022	024	2211121J033	128	SST	110	1654	181,94	1620	178,2	182,63	182,78	1000	817,37	817,22
SIH-CS-13	121100P030	008	2211121J029	002	BRASS	7,8	1880	14,664	1770	13,806	14,25	14,39	100	85,75	85,61
SIH-CS-13	121100P030	026	2211121J029	003							25,55	25,65			
SIH-CS-13	121100P030	028	2211121J029	004	BRASS	7,8	1880	14,664	1770	13,806	14,12	14,24	100	85,88	85,76
SIH-CS-13	121100P030	002	2211121J029	005	BRASS	1,4	1880	2,632	1770	2,478	2,42	2,60	5	2,58	2,40
SIH-CS-13	121100P030	022	2211121J029	007	BRASS	1,4	1880	2,632	1770	2,478	2,49	2,55	5	2,51	2,45
SIH-CS-13	121100P030	007	2211121J029	009	BRASS	7,8	1880	14,664	1770	13,806	14,32	14,40	100	85,68	85,60
SIH-CS-13	121100P030	009	2211121J029	010							25,01	25,17			
SIH-CS-13	121100P030	027	2211121J029	011	BRASS	7,8	1880	14,664	1770	13,806	14,06	14,21	100	85,95	85,79

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-13	121100P030	001	2211121J029	012	BRASS	1,4	1880	2,632	1770	2,478	2,42	2,56	5	2,58	2,44
SIH-CS-13	121100P030	003	2211121J029	013							22,86	22,94			
SIH-CS-13	121100P030	020	2211121J029	013							22,39	22,51			
SIH-CS-13	121100P030	004	2211121J029	014	BRASS	7,8	1880	14,664	1770	13,806	14,25	14,38	500	485,75	485,62
SIH-CS-13	121100P026	005	2211121J029	015	BRASS	7,8	1895	14,781	1790	13,962	13,38	13,61	1000	986,62	986,39
SIH-CS-13	121100P026	003	2211121J029	016	BRASS	7,8	1895	14,781	1790	13,962	13,58	13,71	1000	986,42	986,29
SIH-CS-13	121100P026	021	2211121J029	017	BRASS	7,8	1895	14,781	1790	13,962	13,52	13,66	1000	986,49	986,34
SIH-CS-13	121100P030	010	2211121J029	018	SST	110	1880	206,8	1770	194,7	196,73	196,85	1000	803,28	803,15
SIH-CS-13	121100P030	011	2211121J029	019	SST	110	1880	206,8	1770	194,7	196,87	196,99	1000	803,13	803,01
SIH-CS-13	121100P030	016	2211121J029	020	SST	110	1880	206,8	1770	194,7	196,50	196,51	1000	803,50	803,49
SIH-CS-13	121100P030	017	2211121J029	021	SST	110	1880	206,8	1770	194,7	196,60	196,73	1000	803,40	803,27
SIH-CS-13	121100P030	021	2211121J029	022	BRASS	1,4	1880	2,632	1770	2,478	2,42	2,58	5	2,58	2,42
SIH-CS-13	121100P030	023	2211121J029	023							25,62	25,73			
SIH-CS-13	121100P030	005	2211121J029	024	BRASS	7,8	1880	14,664	1770	13,806	14,19	14,36	500	485,81	485,64
SIH-CS-13	121100P026	024	2211121J029	025	BRASS	7,8	1895	14,781	1790	13,962	13,58	13,72	1000	986,42	986,28
SIH-CS-13	121100P026	022	2211121J029	026							14,79	15,02			
SIH-CS-13	121100P026	022	2211121J029	027								15,16			
SIH-CS-13	121100P026	002	2211121J029	028	BRASS	7,8	1895	14,781	1790	13,962	13,72	13,89	1000	986,28	986,11
SIH-CS-13	121100P030	029	2211121J029	029							29,85	29,96			
SIH-CS-13	121100P030	032	2211121J029	030							29,79	30,07			
SIH-CS-13	121100P030	035	2211121J029	031							30,12	30,24			
SIH-CS-13	121100P030	034	2211121J029	033	SST	110	1880	206,8	1770	194,7	197,40	197,42	1000	802,60	802,58
SIH-CS-13	121100P030	033	2211121J029	034	SST	110	1880	206,8	1770	194,7	197,21	197,36	1000	802,79	802,64
SIH-CS-13	121100P026	009	2211121J029	036							19,57	19,74			
SIH-CS-13	121100P026	006	2211121J029	037	BRASS	7,8	1895	14,781	1790	13,962	13,45	13,60	1000	986,55	986,40
SIH-CS-13	121100P026	022	2211121J029	038								15,33			
SIH-CS-13	121100P026	022	2211121J029	039								15,34			
SIH-CS-13	121100P026	020	2211121J029	040	SST	110	1895	208,45	1790	196,9	197,48	197,61	1000	802,52	802,39
SIH-CS-13	121100P030	014	2211121J029	041	SST	110	1880	206,8	1770	194,7	196,29	196,34	1000	803,71	803,66
SIH-CS-13	121100P030	013	2211121J029	042	SST	110	1880	206,8	1770	194,7	196,16	196,28	1000	803,84	803,72
SIH-CS-13	121100P030	012	2211121J029	044							29,99	30,09			
SIH-CS-13	121100P030	015	2211121J029	045							29,99	30,10			
SIH-CS-13	121100P030	018	2211121J029	046							29,79	29,89			
SIH-CS-13	121100P026	028	2211121J029	048	BRASS	1,4	1895	2,653	1790	2,506	2,35	2,49	10	7,65	7,51

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-13	121100P026	004	2211121J029	049	SST	110	1895	208,45	1790	196,9	196,50	196,76	1000	803,50	803,24
SIH-CS-13	121100P026	023	2211121J029	050	SST	110	1895	208,45	1790	196,9	196,16	196,34	1000	803,84	803,66
SIH-CS-13	121100P026	001	2211121J029	051	SST	110	1895	208,45	1790	196,9	197,78	198,04	1000	802,23	801,96
SIH-CS-13	121100P028	014	2211121J029	053	SST	110	1880	206,8	1760	193,6	195,39	195,72	1000	804,61	804,28
SIH-CS-13	121100P028	031	2211121J029	054	SST	110	1880	206,8	1760	193,6	194,07	194,40	1000	805,93	805,60
SIH-CS-13	121100P030	031	2211121J029	055	SST	110	1880	206,8	1770	194,7	198,11	198,23	1000	801,89	801,77
SIH-CS-13	121100P030	030	2211121J029	056	SST	110	1880	206,8	1770	194,7	197,88	197,95	1000	802,12	802,05
SIH-CS-13	121100P030	037	2211121J029	057	SST	110	1880	206,8	1770	194,7	198,52	198,49	1000	801,49	801,51
SIH-CS-13	121100P030	036	2211121J029	058	SST	110	1880	206,8	1770	194,7	198,04	198,40	1000	801,96	801,60
SIH-CS-13	121100P026	011	2211121J029	059	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,53	10	7,58	7,47
SIH-CS-13	121100P026	029	2211121J029	060	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,50	10	7,58	7,50
SIH-CS-13	121100P026	034	2211121J029	061	BRASS	1,4	1895	2,653	1790	2,506	2,49	2,54	10	7,51	7,46
SIH-CS-13	121100P026	016	2211121J029	062	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,51	10	7,58	7,49
SIH-CS-13	121100P028	032	2211121J029	064	SST	110	1880	206,8	1760	193,6	194,28	194,52	1000	805,73	805,48
SIH-CS-13	121100P028	013	2211121J029	065	SST	110	1880	206,8	1760	193,6	194,81	195,00	1000	805,19	805,00
SIH-CS-13	121100P028	023	2211121J029	066	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,51	5	2,58	2,49
SIH-CS-13	121100P028	022	2211121J029	067	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,54	5	2,58	2,46
SIH-CS-13	121100P028	006	2211121J029	068	BRASS	1,4	1880	2,632	1760	2,464	2,49	2,51	5	2,51	2,49
SIH-CS-13	121100P028	005	2211121J029	069	BRASS	1,4	1880	2,632	1760	2,464	2,35	2,55	5	2,65	2,45
SIH-CS-13	121100P026	010	2211121J029	071	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,54	10	7,58	7,46
SIH-CS-13	121100P026	015	2211121J029	072	BRASS	1,4	1895	2,653	1790	2,506	2,49	2,53	10	7,51	7,47
SIH-CS-13	121100P026	017	2211121J029	073							16,41	16,51			
SIH-CS-13	121100P026	035	2211121J029	074	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,50	10	7,58	7,50
SIH-CS-13	121100P026	025	2211121J029	075							25,21	25,26			
SIH-CS-13	121100P028	012	2211121J029	076							27,57	27,75			
SIH-CS-13	121100P028	030	2211121J029	077							27,90	28,07			
SIH-CS-13	121100P028	004	2211121J029	078							24,07	24,32			
SIH-CS-13	121100P028	007	2211121J029	079							23,87	24,00			
SIH-CS-13	121100P028	024	2211121J029	080							23,67	23,79			
SIH-CS-13	121100P028	027	2211121J029	081							24,21	24,32			
SIH-CS-13	121100P026	036	2211121J029	083	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,54	10	7,58	7,46
SIH-CS-13	121100P026	017	2211121J029	084								16,54			
SIH-CS-13	121100P026	019	2211121J029	085	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,53	10	7,58	7,47
SIH-CS-13	121100P026	007	2211121J029	086	SST	110	1895	208,45	1790	196,9	200,33	200,51	1000	799,67	799,49

Harness Bundle	From Connector	Pin	To Connector	Pin	cond.mat.	Characteristic cable Resistance (Ω /m) GORE/CASA	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-CS-13	121100P026	027	2211121J029	087	SST	110	1895	208,45	1790	196,9	199,32	199,50	1000	800,68	800,50
SIH-CS-13	121100P028	028	2211121J029	088	SST	110	1880	206,8	1760	193,6	195,69	195,92	1000	804,31	804,08
SIH-CS-13	121100P028	011	2211121J029	089	SST	110	1880	206,8	1760	193,6	195,96	196,21	1000	804,04	803,79
SIH-CS-13	121100P028	025	2211121J029	090	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,49	5	2,58	2,51
SIH-CS-13	121100P028	026	2211121J029	091	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,51	5	2,58	2,49
SIH-CS-13	121100P028	008	2211121J029	092	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,54	5	2,58	2,46
SIH-CS-13	121100P028	009	2211121J029	093	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,52	5	2,58	2,48
SIH-CS-13	121100P026	018	2211121J029	095	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,49	10	7,58	7,51
SIH-CS-13	121100P026	037	2211121J029	096	BRASS	1,4	1895	2,653	1790	2,506	2,49	2,52	10	7,51	7,48
SIH-CS-13	121100P026	026	2211121J029	097	SST	110	1895	208,45	1790	196,9	199,19	199,35	1000	800,81	800,65
SIH-CS-13	121100P026	008	2211121J029	098	SST	110	1895	208,45	1790	196,9	199,73	199,91	1000	800,27	800,09
SIH-CS-13	121100P028	010	2211121J029	099	SST	110	1880	206,8	1760	193,6	196,50	196,73	1000	803,50	803,27
SIH-CS-13	121100P028	029	2211121J029	100	SST	110	1880	206,8	1760	193,6	195,82	196,01	1000	804,18	803,99
SIH-CS-13	121100P028	033	2211121J029	101	BRASS	1,4	1880	2,632	1760	2,464	2,35	2,55	5	2,65	2,45
SIH-CS-13	121100P028	034	2211121J029	102	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,54	5	2,58	2,46
SIH-CS-13	121100P026	013	2211121J029	105	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,56	10	7,58	7,44
SIH-CS-13	121100P026	033	2211121J029	106							21,11	21,05			
SIH-CS-13	121100P026	031	2211121J029	107							30,06	30,23			
SIH-CS-13	121100P026	030	2211121J029	108	SST	110	1895	208,45	1790	196,9	198,25	198,40	1000	801,75	801,60
SIH-CS-13	121100P028	003	2211121J029	109							17,01	17,34			
SIH-CS-13	121100P028	003	2211121J029	110								17,17			
SIH-CS-13	121100P028	002	2211121J029	111	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,55	5	2,58	2,45
SIH-CS-13	121100P028	015	2211121J029	112							24,00	24,13			
SIH-CS-13	121100P028	019	2211121J029	113	BRASS	1,4	1880	2,632	1760	2,464	2,35	2,48	50	47,65	47,52
SIH-CS-13	121100P028	018	2211121J029	114	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,49	50	47,58	47,51
SIH-CS-13	121100P026	032	2211121J029	115	BRASS	1,4	1895	2,653	1790	2,506	2,42	2,52	10	7,58	7,48
SIH-CS-13	121100P026	012	2211121J029	116	SST	110	1895	208,45	1790	196,9	197,64	198,20	1000	802,36	801,80
SIH-CS-13	121100P028	001	2211121J029	117	BRASS	1,4	1880	2,632	1760	2,464	2,35	2,52	5	2,65	2,48
SIH-CS-13	121100P028	020	2211121J029	118	BRASS	1,4	1880	2,632	1760	2,464	2,35	2,46	5	2,65	2,54
SIH-CS-13	121100P028	021	2211121J029	119	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,50	5	2,58	2,50
SIH-CS-13	121100P028	036	2211121J029	120	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,48	50	47,58	47,52
SIH-CS-13	121100P028	037	2211121J029	121							23,94	24,19			
SIH-CS-13	121100P028	035	2211121J029	127	BRASS	1,4	1880	2,632	1760	2,464	2,42	2,53	50	47,58	47,47
SIH-CS-13	121100P028	017	2211121J029	128							23,94	24,04			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-01	2211121P032	001	2312200J006	001	2,767	21,583	2455	19,15	20,36	20,88	0,205		20,57	20,88	100	79,43	79,12
SIH-IS-01	2211121P032	002	2312200J006	002	2,767	21,583	2455	19,15	20,37	20,91	0,234		20,60	20,91	100	79,40	79,09
SIH-IS-01	2211121P032	003	2312200J006	003	2,767	21,583	2455	19,15	20,29	21,19	0,204		20,49	21,19	100	79,51	78,81
SIH-IS-01	2211121P032	004	2312200J006	004	2,767	3,8738	2455	3,44	2,95	3,59	0,046		3,00	3,59	50	47,00	46,41
SIH-IS-01	2211121P032	007	2312200J006	007	2,767	21,583	2455	19,15	20,44	21,11	0,238		20,68	21,11	100	79,32	78,89
SIH-IS-01	2211121P032	008	2312200J006	008	2,767	21,583	2455	19,15	20,26	21,19	0,236		20,50	21,19	100	79,50	78,81
SIH-IS-01	2211121P032	009	2312200J006	009	2,767	21,583	2455	19,15	20,20	21,17	0,200		20,40	21,17	200	179,60	178,83
SIH-IS-01	2211121P032	010	2312200J006	010	2,767	21,583	2455	19,15	20,37	21,25	0,229		20,60	21,25	100	79,40	78,75
SIH-IS-01	2211121P032	011	2312200J006	011	2,767	21,583	2455	19,15	20,17	20,9	0,232		20,40	20,9	100	79,60	79,1
SIH-IS-01	2211121P032	012	2312200J006	012	2,767	21,583	2455	19,15	20,39	20,97	0,406		20,80	20,97	100	79,20	79,03
SIH-IS-01	2211121P032	013	2312200J006	013	2,767	21,583	2455	19,15	20,29	21,24	0,200		20,49	21,24	100	79,51	78,76
SIH-IS-01	2211121P032	014	2312200J006	014	2,767	21,583	2455	19,15	20,19	21,19	0,200		20,39	21,19	100	79,61	78,81
SIH-IS-01	2211121P032	016	2312200J006	016	2,767	21,583	2455	19,15	20,49	21,05	0,235		20,72	21,05	200	179,28	178,95
SIH-IS-01	2211121P032	017	2312200J006	017	2,767	21,583	2455	19,15	20,23	21,32	0,230		20,46	21,32	200	179,54	178,68
SIH-IS-01	2211121P032	018	2312200J006	018	2,767	21,583	2455	19,15	20,39	20,69	0,200		20,59	20,69	200	179,41	179,31
SIH-IS-01	2211121P032	019	2312200J006	019	2,767	21,583	2455	19,15	20,41	21,21	0,200		20,61	21,21	100	79,39	78,79
SIH-IS-01	2211121P032	020	2312200J006	020	2,767	21,583	2455	19,15	20,29	20,75	0,230		20,52	20,75	100	79,48	79,25
SIH-IS-01	2211121P032	021	2312200J006	021	2,767	21,583	2455	19,15	20,30	20,7	0,233		20,53	20,7	100	79,47	79,3
SIH-IS-01	2211121P032	022	2312200J006	022	2,767		2455		9,09	9,76	0,000		9,09	9,76			
SIH-IS-01	2211121P032	022	2312200J006	022	2,767		2455		9,09	9,76	0,000		9,09	9,76			
SIH-IS-01	2211121P032	022	2312200J006	022	2,767		2455		9,09	9,76	0,000		9,09	9,76			
SIH-IS-01	2211121P032	023	2312200J006	023	2,767	21,583	2455	19,15	20,23	20,77	0,200		20,43	20,77	200	179,57	179,23
SIH-IS-01	2211121P032	024	2312200J006	024	2,767	21,583	2455	19,15	20,39	20,61	0,238		20,63	20,61	100	79,37	79,39
SIH-IS-01	2211121P032	026	2312200J006	026	2,767	304,37	2455	270,05	280,70	284,2	0,227		280,93	284,2	500	219,07	215,8
SIH-IS-01	2211121P032	027	2312200J006	027	2,767	21,583	2455	19,15	20,32	21,33	0,233		20,55	21,33	200	179,45	178,67
SIH-IS-01	2211121P032	028	2312200J006	028	2,767	21,583	2455	19,15	20,26	21,01	0,200		20,46	21,01	200	179,54	178,99
SIH-IS-01	2211121P032	029	2312200J006	029	2,767	21,583	2455	19,15	20,33	21,01	0,233		20,56	21,01	100	79,44	78,99
SIH-IS-01	2211121P032	030	2312200J006	030	2,767	21,583	2455	19,15	20,15	21,04	0,234		20,38	21,04	100	79,62	78,96
SIH-IS-01	2211121P032	031	2312200J006	031	2,767	21,583	2455	19,15	20,38	21,14	0,230		20,61	21,14	100	79,39	78,86
SIH-IS-01	2211121P032	032	2312200J006	032	2,767	3,8738	2455	3,44	2,94	3,56	0,039		2,98	3,56	50	47,03	46,44
SIH-IS-01	2211121P032	032	2312200J006	032	2,767		2455		2,94	3,56	0,000		2,94	3,56			
SIH-IS-01	2211121P032	032	2312200J006	032	2,767		2455		2,94	3,57	0,000		2,94	3,57			
SIH-IS-01	2211121P032	032	2312200J006	032	2,767		2455		2,94	3,56	0,000		2,94	3,56			
SIH-IS-01	2211121P032	032	2312200J006	032	2,767		2455		2,94	3,57	0,000		2,94	3,57			
SIH-IS-01	2211121P032	033	2312200J006	033	2,767	21,583	2455	19,15	20,49	20,71	0,202		20,69	20,71	200	179,31	179,29

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-01	2211121P032	034	2312200J006	034	2,767	21,583	2455	19,15	20,21	21,08	0,203		20,41	21,08	200	179,59	178,92
SIH-IS-01	2211121P032	035	2312200J006	035	2,767	21,583	2455	19,15	20,28	21,05	0,232		20,51	21,05	100	79,49	78,95
SIH-IS-01	2211121P032	037	2312200J006	037	2,767	304,37	2455	270,05	282,60	284,2	0,234		282,83	284,2	500	217,17	215,8
SIH-IS-01	2211121P032	038	2312200J006	038	2,767	304,37	2455	270,05	279,00	283,1	0,229		279,23	283,1	500	220,77	216,9
SIH-IS-01	2211121P032	039	2312200J006	039	2,767		2455		9,22	9,79	0,039		9,26	9,79			
SIH-IS-01	2211121P032	039	2312200J006	039	2,767		2455		9,22	9,79	0,039		9,26	9,79			
SIH-IS-01	2211121P032	039	2312200J006	039	2,767		2455		9,22	9,79	0,036		9,25	9,79			
SIH-IS-01	2211121P032	040	2312200J006	040	2,767	3,8738	2455	3,44	2,96	3,48	0,040		3,00	3,48	50	47,00	46,52
SIH-IS-01	2211121P032	040	2312200J006	040	2,767	0	2455	0,00	2,96	3,48	0,040		3,00	3,48			
SIH-IS-01	2211121P032	040	2312200J006	040	2,767	0	2455	0,00	2,96	3,48	0,036		3,00	3,48			
SIH-IS-01	2211121P032	040	2312200J006	040	2,767	0	2455	0,00	2,96	3,48	0,040		3,00	3,48			
SIH-IS-01	2211121P032	040	2312200J006	040	2,767	0	2455	0,00	2,96	3,48	0,039		3,00	3,48			
SIH-IS-01	2211121P032	041	2312200J006	041	2,767	21,583	2455	19,15	20,16	20,76	0,228		20,39	20,76	100	79,61	79,24
SIH-IS-01	2211121P032	042	2312200J006	042	2,767	21,583	2455	19,15	20,39	20,79	0,228		20,62	20,79	100	79,38	79,21
SIH-IS-01	2211121P032	043	2312200J006	043	2,767	21,583	2455	19,15	20,47	20,79	0,202		20,67	20,79	100	79,33	79,21
SIH-IS-01	2211121P032	044	2312200J006	044	2,767	21,583	2455	19,15	20,38	21,04	0,200		20,58	21,04	200	179,42	178,96
SIH-IS-01	2211121P032	045	2312200J006	045	2,767	21,583	2455	19,15	20,30	20,76	0,229		20,53	20,76	200	179,47	179,24
SIH-IS-01	2211121P032	046	2312200J006	046	2,767	3,8738	2455	3,44	2,96	3,55	0,081		3,04	3,55	100	96,96	96,45
SIH-IS-01	2211121P032	046	2312200J006	046	2,767		2455		2,96	3,55	0,081		3,04	3,55			
SIH-IS-01	2211121P032	048	2312200J006	048	2,767	304,37	2455	270,05	280,30	282,81	0,226		280,53	282,81	500	219,47	217,19
SIH-IS-01	2211121P032	049	2312200J006	049	2,767	304,37	2455	270,05	279,10	283,24	0,233		279,33	283,24	500	220,67	216,76
SIH-IS-01	2211121P032	051	2312200J006	051	2,767	304,37	2455	270,05	280,60	285,22	0,224		280,82	285,22	500	219,18	214,78
SIH-IS-01	2211121P032	046	2312200J006	046	2,767		2455			3,55	0,081		0,08	3,55			
SIH-IS-01	2211121P032	052	2312200J006	052	2,767	21,583	2455	19,15	20,27	21,34	0,231		20,50	21,34	100	79,50	78,66
SIH-IS-01	2211121P032	053	2312200J006	053	2,767	21,583	2455	19,15	20,07	21,13	0,232		20,30	21,13	100	79,70	78,87
SIH-IS-01	2211121P032	054	2312200J006	054	2,767	21,583	2455	19,15	20,28	21	0,233		20,51	21	100	79,49	79
SIH-IS-01	2211121P032	050	2312200J006	050	2,767	304,37	2455	270,05	279,40	283,85	0,229		279,63	283,85	500	220,37	216,15
SIH-IS-01	2211121P032	055	2312200J006	055	2,767	304,37	2455	270,05	280,80	281,84	0,254		281,05	281,84	500	218,95	218,16
SIH-IS-01	2211121P032	056	2312200J006	056	2,767	21,583	2455	19,15	20,24	20,9	0,235		20,47	20,9	200	179,53	179,1
SIH-IS-01	2211121P032	057	2312200J006	057	2,767	21,583	2455	19,15	20,46	21,29	0,233		20,69	21,29	100	79,31	78,71
SIH-IS-01	2211121P032	059	2312200J006	059	2,767	304,37	2455	270,05	279,10	284,68	0,234		279,33	284,68	500	220,67	215,32
SIH-IS-01	2211121P032	060	2312200J006	060	2,767	304,37	2455	270,05	280,40	282,73	0,226		280,63	282,73	500	219,37	217,27
SIH-IS-01	2211121P032	061	2312200J006	061	2,767	304,37	2455	270,05	278,90	283,46	0,227		279,13	283,46	500	220,87	216,54
SIH-IS-01	2211121P032	062	2312200J006	062	2,767	304,37	2455	270,05	281,30	285,24	0,227		281,53	285,24	500	218,47	214,76
SIH-IS-01	2211121P032	063	2312200J006	063	2,767	304,37	2455	270,05	282,00	285,07	0,235		282,23	285,07	500	217,77	214,93

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-01	2211121P032	066	2312200J006	066	2,767	304,37	2455	270,05	281,00	281,56	0,251		281,25	281,56	500	218,75	218,44
SIH-IS-01	2211121P032	067	2312200J006	067	2,767	304,37	2455	270,05	279,90	281,93	0,251		280,15	281,93	500	219,85	218,07
SIH-IS-01	2211121P032	068	2312200J006	068	2,767	21,583	2455	19,15	20,24	20,84	0,197		20,44	20,84	100	79,56	79,16
SIH-IS-01	2211121P032	069	2312200J006	069	2,767	21,583	2455	19,15	20,15	20,84	0,234		20,38	20,84	100	79,62	79,16
SIH-IS-01	2211121P032	070	2312200J006	070	2,767	21,583	2455	19,15	20,46	20,98	0,232		20,69	20,98	100	79,31	79,02
SIH-IS-01	2211121P032	071	2312200J006	071	2,767	304,37	2455	270,05	278,90	284,37	0,227		279,13	284,37	500	220,87	215,63
SIH-IS-01	2211121P032	072	2312200J006	072	2,767	304,37	2455	270,05	279,30	285,62	0,050		279,35	285,62	500	220,65	214,38
SIH-IS-01	2211121P032	073	2312200J006	073	2,767	304,37	2455	270,05	281,70	282,48	0,194		281,89	282,48	500	218,11	217,52
SIH-IS-01	2211121P032	074	2312200J006	074	2,767	304,37	2455	270,05	281,60	282,4	0,235		281,84	282,4	500	218,16	217,6
SIH-IS-01	2211121P032	075	2312200J006	075	2,767	304,37	2455	270,05	281,80	284,82	0,227		282,03	284,82	500	217,97	215,18
SIH-IS-01	2211121P032	076	2312200J006	076	2,767	304,37	2455	270,05	280,50	278,57	0,255		280,75	278,57	500	219,25	221,43
SIH-IS-01	2211121P032	077	2312200J006	077	2,767	304,37	2455	270,05	280,40	278,29	0,249		280,65	278,29	500	219,35	221,71
SIH-IS-01	2211121P032	078	2312200J006	078	2,767	304,37	2455	270,05	279,60	281,7	0,253		279,85	281,7	500	220,15	218,3
SIH-IS-01	2211121P032	079	2312200J006	079	2,767	21,583	2455	19,15	20,34	20,73	0,234		20,57	20,73	100	79,43	79,27
SIH-IS-01	2211121P032	080	2312200J006	080	2,767	21,583	2455	19,15	20,28	20,77	0,236		20,52	20,77	100	79,48	79,23
SIH-IS-01	2211121P032	081	2312200J006	081	2,767	21,583	2455	19,15	20,19	20,87	0,231		20,42	20,87	100	79,58	79,13
SIH-IS-01	2211121P032	083	2312200J006	083	2,767	304,37	2455	270,05	279,60	285,27	0,227		279,83	285,27	500	220,17	214,73
SIH-IS-01	2211121P032	084	2312200J006	084	2,767	304,37	2455	270,05	282,10	287,86	0,228		282,33	287,86	500	217,67	212,14
SIH-IS-01	2211121P032	085	2312200J006	085	2,767	304,37	2455	270,05	279,60	280,03	0,223		279,82	280,03	500	220,18	219,97
SIH-IS-01	2211121P032	086	2312200J006	086	2,767	304,37	2455	270,05	281,00	283,99	0,249		281,25	283,99	500	218,75	216,01
SIH-IS-01	2211121P032	087	2312200J006	087	2,767	304,37	2455	270,05	281,20	283,61	0,253		281,45	283,61	500	218,55	216,39
SIH-IS-01	2211121P032	088	2312200J006	088	2,767	304,37	2455	270,05	279,90	279,16	0,257		280,16	279,16	500	219,84	220,84
SIH-IS-01	2211121P032	089	2312200J006	089	2,767	304,37	2455	270,05	280,60	279,1	0,254		280,85	279,1	500	219,15	220,9
SIH-IS-01	2211121P032	090	2312200J006	090	2,767	21,583	2455	19,15	20,15	20,87	0,228		20,38	20,87	100	79,62	79,13
SIH-IS-01	2211121P032	091	2312200J006	091	2,767	21,583	2455	19,15	20,18	21,2	0,231		20,41	21,2	100	79,59	78,8
SIH-IS-01	2211121P032	092	2312200J006	092	2,767	21,583	2455	19,15	20,43	20,93	0,229		20,66	20,93	100	79,34	79,07
SIH-IS-01	2211121P032	093	2312200J006	093	2,767	3,8738	2455	3,44	2,94	3,49	0,034		2,97	3,49	50	47,03	46,51
SIH-IS-01	2211121P032	093	2312200J006	093	2,767		2455		2,94	3,49	0,037		2,98	3,49			
SIH-IS-01	2211121P032	093	2312200J006	093	2,767		2455		2,94	3,49	0,035		2,98	3,49			
SIH-IS-01	2211121P032	093	2312200J006	093	2,767		2455		2,94	3,49	0,035		2,98	3,49			
SIH-IS-01	2211121P032	093	2312200J006	093	2,767		2455		2,94	3,48	0,036		2,98	3,48			
SIH-IS-01	2211121P032	095	2312200J006	095	2,767	304,37	2455	270,05	281,20	288,22	0,225		281,42	288,22	500	218,58	211,78
SIH-IS-01	2211121P032	096	2312200J006	096	2,767	304,37	2455	270,05	281,00	280,11	0,227		281,23	280,11	500	218,77	219,89
SIH-IS-01	2211121P032	097	2312200J006	097	2,767	304,37	2455	270,05	280,20	284,73	0,251		280,45	284,73	500	219,55	215,27
SIH-IS-01	2211121P032	098	2312200J006	098	2,767	304,37	2455	270,05	280,90	284,47	0,256		281,16	284,47	500	218,84	215,53

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-01	2211121P032	099	2312200J006	099	2,767	304,37	2455	270,05	281,00	282,95	0,254		281,25	282,95	500	218,75	217,05
SIH-IS-01	2211121P032	100	2312200J006	100	2,767	304,37	2455	270,05	280,90	282,54	0,255		281,15	282,54	500	218,85	217,46
SIH-IS-01	2211121P032	101	2312200J006	101	2,767	21,583	2455	19,15	20,30	21,18	0,226		20,53	21,18	100	79,47	78,82
SIH-IS-01	2211121P032	102	2312200J006	102	2,767	21,583	2455	19,15	20,37	21,01	0,229		20,60	21,01	100	79,40	78,99
SIH-IS-01	2211121P032	103	2312200J006	103	2,767	21,583	2455	19,15	20,24	20,96	0,228		20,47	20,96	100	79,53	79,04
SIH-IS-01	2211121P032	104	2312200J006	104	2,767	3,8738	2455	3,44	2,96	3,59	0,034		2,99	3,59	50	47,01	46,41
SIH-IS-01	2211121P032	104	2312200J006	104	2,767		2455		2,96	3,59	0,034		2,99	3,59			
SIH-IS-01	2211121P032	104	2312200J006	104	2,767		2455		2,96	3,59	0,033		2,99	3,59			
SIH-IS-01	2211121P032	106	2312200J006	106	2,767	304,37	2455	270,05	279,50	283,55	0,228		279,73	283,55	500	220,27	216,45
SIH-IS-01	2211121P032	107	2312200J006	107	2,767	304,37	2455	270,05	279,70	283,42	0,226		279,93	283,42	500	220,07	216,58
SIH-IS-01	2211121P032	108	2312200J006	108	2,767	304,37	2455	270,05	282,10	280,92	0,249		282,35	280,92	500	217,65	219,08
SIH-IS-01	2211121P032	109	2312200J006	109	2,767	304,37	2455	270,05	281,10	280,86	0,252		281,35	280,86	500	218,65	219,14
SIH-IS-01	2211121P032	110	2312200J006	110	2,767	304,37	2455	270,05	280,10	280,42	0,249		280,35	280,42	500	219,65	219,58
SIH-IS-01	2211121P032	111	2312200J006	111	2,767	304,37	2455	270,05	281,90	280,04	0,250		282,15	280,04	500	217,85	219,96
SIH-IS-01	2211121P032	112	2312200J006	112	2,767	304,37	2455	270,05	281,10	279,89	0,251		281,35	279,89	500	218,65	220,11
SIH-IS-01	2211121P032	113	2312200J006	113	2,767	21,583	2455	19,15	20,41	20,66	0,231		20,64	20,66	100	79,36	79,34
SIH-IS-01	2211121P032	114	2312200J006	114	2,767	21,583	2455	19,15	20,41	20,84	0,229		20,64	20,84	100	79,36	79,16
SIH-IS-01	2211121P032	115	2312200J006	115	2,767	3,8738	2455	3,44	17,08	17,69	0,131		17,21	17,69			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,69	0,102		17,18	17,69			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,69	0,110		17,19	17,69			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,69	0,109		17,19	17,69			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,69	0,115		17,20	17,69			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,69	0,116		17,20	17,69			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,68	0,115		17,20	17,68			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,69	0,120		17,20	17,69			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,68	0,123		17,20	17,68			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,68	0,123		17,20	17,68			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,68	0,122		17,20	17,68			
SIH-IS-01	2211121P032	115	2312200J006	115	2,767		2455		17,08	17,68	0,124		17,20	17,68			
SIH-IS-01	2211121P032	116	2312200J006	116	2,767	304,37	2455	270,05	281,50	282,8	0,255		281,76	282,8	500	218,24	217,2
SIH-IS-01	2211121P032	117	2312200J006	117	2,767	304,37	2455	270,05	280,60	282,64	0,252		280,85	282,64	500	219,15	217,36
SIH-IS-01	2211121P032	118	2312200J006	118	2,767	304,37	2455	270,05	282,10	281,86	0,255		282,35	281,86	500	217,65	218,14
SIH-IS-01	2211121P032	119	2312200J006	119	2,767	304,37	2455	270,05	281,00	281,86	0,251		281,25	281,86	500	218,75	218,14
SIH-IS-01	2211121P032	120	2312200J006	120	2,767	304,37	2455	270,05	282,20	279,47	0,245		282,44	279,47	500	217,56	220,53
SIH-IS-01	2211121P032	121	2312200J006	121	2,767	21,583	2455	19,15	20,23	21,11	0,230		20,46	21,11	100	79,54	78,89

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-01	2211121P032	122	2312200J006	122	2,767	3,8738	2455	3,44	2,98	3,58	0,114		3,10	3,58	50	46,90	46,42
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,120		3,10	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,115		3,10	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,122		3,11	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,125		3,11	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,130		3,11	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,126		3,11	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,130		3,11	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,133		3,12	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,133		3,12	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,134		3,12	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,57	0,149		3,13	3,57			
SIH-IS-01	2211121P032	122	2312200J006	122	2,767		2455		2,98	3,58	0,134		3,12	3,58			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,42	0,105		31,82	12,42			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,42	0,106		31,82	12,42			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,42	0,105		31,82	12,42			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,42	0,105		31,82	12,42			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,41	0,105		31,81	12,41			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,41	0,106		31,82	12,41			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,41	0,107		31,82	12,41			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,42	0,107		31,82	12,42			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,41	0,105		31,82	12,41			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,42	0,106		31,82	12,42			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,42	0,106		31,82	12,42			
SIH-IS-02	2211121P031	005	2312200J005	005	2,504				31,71	12,41	0,107		31,82	12,41			
SIH-IS-02	2211121P031	009	2312200J005	009	2,504	275,44	2816	309,76	248,600	249,13	0,223		248,82	249,13	500	251,18	250,87
SIH-IS-02	2211121P031	010	2312200J005	010	2,504	275,44	2816	309,76	250,400	251,1	0,230		250,63	251,1	500	249,37	248,9
SIH-IS-02	2211121P031	011	2312200J005	011	2,504	275,44	2816	309,76	249,800	250,53	0,222		250,02	250,53	500	249,98	249,47
SIH-IS-02	2211121P031	012	2312200J005	012	2,504	275,44	2816	309,76	248,100	249,74	0,195		248,30	249,74	500	251,71	250,26
SIH-IS-02	2211121P031	013	2312200J005	013	2,504	275,44	2816	309,76	248,900	250,11	0,226		249,13	250,11	500	250,87	249,89
SIH-IS-02	2211121P031	016	2312200J005	016	2,504	275,44	2816	309,76	249,700	251,46	0,225		249,93	251,46	500	250,07	248,54
SIH-IS-02	2211121P031	017	2312200J005	017	2,504	275,44	2816	309,76	250,300	249,31	0,227		250,53	249,31	500	249,47	250,69
SIH-IS-02	2211121P031	018	2312200J005	018	2,504	275,44	2816	309,76	253,300	253,72	0,223		253,52	253,72	500	246,48	246,28
SIH-IS-02	2211121P031	019	2312200J005	019	2,504	275,44	2816	309,76	250,900	251,66	0,223		251,12	251,66	500	248,88	248,34

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-02	2211121P031	020	2312200J005	020	2,504	275,44	2816	309,76	249,000	249,7	0,228		249,23	249,7	500	250,77	250,3
SIH-IS-02	2211121P031	021	2312200J005	021	2,504	275,44	2816	309,76	247,900	249,39	0,218		248,12	249,39	500	251,88	250,61
SIH-IS-02	2211121P031	022	2312200J005	022	2,504	275,44	2816	309,76	251,200	252,96	0,225		251,43	252,96	500	248,57	247,04
SIH-IS-02	2211121P031	023	2312200J005	023	2,504	275,44	2816	309,76	249,500	251,08	0,223		249,72	251,08	500	250,28	248,92
SIH-IS-02	2211121P031	026	2312200J005	026	2,504	275,44	2816	309,76	246,800	248,44	0,242		247,04	248,44	500	252,96	251,56
SIH-IS-02	2211121P031	027	2312200J005	027	2,504	275,44	2816	309,76	249,700	251,34	0,220		249,92	251,34	500	250,08	248,66
SIH-IS-02	2211121P031	028	2312200J005	028	2,504	275,44	2816	309,76	252,700	253,32	0,223		252,92	253,32	500	247,08	246,68
SIH-IS-02	2211121P031	029	2312200J005	029	2,504	275,44	2816	309,76	250,300	251,83	0,223		250,52	251,83	500	249,48	248,17
SIH-IS-02	2211121P031	030	2312200J005	030	2,504	275,44	2816	309,76	246,900	248,58	0,222		247,12	248,58	500	252,88	251,42
SIH-IS-02	2211121P031	031	2312200J005	031	2,504	275,44	2816	309,76	250,600	251,52	0,218		250,82	251,52	500	249,18	248,48
SIH-IS-02	2211121P031	032	2312200J005	032	2,504	275,44	2816	309,76	250,200	251,97	0,219		250,42	251,97	500	249,58	248,03
SIH-IS-02	2211121P031	033	2312200J005	033	2,504	275,44	2816	309,76	244,800	246,72	0,225		245,02	246,72	500	254,98	253,28
SIH-IS-02	2211121P031	034	2312200J005	034	2,504	275,44	2816	309,76	250,000	251,8	0,230		250,23	251,8	500	249,77	248,2
SIH-IS-02	2211121P031	036	2312200J005	036	2,504	3,5056	2816	3,94	2,57	3,14	0,161		2,73	3,14	50	47,27	46,86
SIH-IS-02	2211121P031	036	2312200J005	036	2,504				2,57	3,14	0,109		2,68	3,14			
SIH-IS-02	2211121P031	036	2312200J005	036	2,504				2,57	3,14	0,114		2,68	3,14			
SIH-IS-02	2211121P031	036	2312200J005	036	2,504				2,57	3,14	0,114		2,68	3,14			
SIH-IS-02	2211121P031	036	2312200J005	036	2,504				2,57	3,13	0,113		2,68	3,13			
SIH-IS-02	2211121P031	036	2312200J005	036	2,504				2,57	3,13	0,111		2,68	3,13			
SIH-IS-02	2211121P031	036	2312200J005	036	2,504				2,57	3,13	0,112		2,68	3,13			
SIH-IS-02	2211121P031	037	2312200J005	037	2,504	275,44	2816	309,76	248,500	248,97	0,249		248,75	248,97	500	251,25	251,03
SIH-IS-02	2211121P031	038	2312200J005	038	2,504	275,44	2816	309,76	249,000	249,55	0,243		249,24	249,55	500	250,76	250,45
SIH-IS-02	2211121P031	039	2312200J005	039	2,504	275,44	2816	309,76	246,100	247,67	0,221		246,32	247,67	500	253,68	252,33
SIH-IS-02	2211121P031	040	2312200J005	040	2,504	275,44	2816	309,76	246,800	248,27	0,227		247,03	248,27	500	252,97	251,73
SIH-IS-02	2211121P031	041	2312200J005	041	2,504	275,44	2816	309,76	248,300	248,93	0,226		248,53	248,93	500	251,47	251,07
SIH-IS-02	2211121P031	042	2312200J005	042	2,504	275,44	2816	309,76	248,100	248,88	0,225		248,33	248,88	500	251,67	251,12
SIH-IS-02	2211121P031	043	2312200J005	043	2,504	275,44	2816	309,76	250,600	252,02	0,224		250,82	252,02	500	249,18	247,98
SIH-IS-02	2211121P031	044	2312200J005	044	2,504	275,44	2816	309,76	248,500	250,16	0,228		248,73	250,16	500	251,27	249,84
SIH-IS-02	2211121P031	045	2312200J005	045	2,504	275,44	2816	309,76	245,900	246,83	0,224		246,12	246,83	500	253,88	253,17
SIH-IS-02	2211121P031	046	2312200J005	046	2,504	275,44	2816	309,76	247,000	248,43	0,222		247,22	248,43	500	252,78	251,57
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,46	0,106		11,89	12,46			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,45	0,106		11,89	12,45			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,46	0,107		11,89	12,46			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,46	0,106		11,89	12,46			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,46	0,106		11,89	12,46			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,45	0,105		11,88	12,45			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,46	0,106		11,89	12,46			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,45	0,107		11,89	12,45			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,45	0,107		11,89	12,45			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,46	0,107		11,89	12,46			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,45	0,107		11,89	12,45			
SIH-IS-02	2211121P031	047	2312200J005	047	2,504				11,78	12,45	0,106		11,89	12,45			
SIH-IS-02	2211121P031	048	2312200J005	048	2,504	275,44	2816	309,76	249,900	250,46	0,241		250,14	250,46	500	249,86	249,54
SIH-IS-02	2211121P031	049	2312200J005	049	2,504	275,44	2816	309,76	247,700	249,23	0,248		247,95	249,23	500	252,05	250,77
SIH-IS-02	2211121P031	050	2312200J005	050	2,504	275,44	2816	309,76	249,900	250,56	0,247		250,15	250,56	500	249,85	249,44
SIH-IS-02	2211121P031	051	2312200J005	051	2,504	275,44	2816	309,76	250,300	252,08	0,238		250,54	252,08	500	249,46	247,92
SIH-IS-02	2211121P031	052	2312200J005	052	2,504	275,44	2816	309,76	247,400	248,92	0,224		247,62	248,92	500	252,38	251,08
SIH-IS-02	2211121P031	053	2312200J005	053	2,504	275,44	2816	309,76	247,700	249,21	0,226		247,93	249,21	500	252,07	250,79
SIH-IS-02	2211121P031	054	2312200J005	054	2,504	275,44	2816	309,76	248,500	249,51	0,221		248,72	249,51	500	251,28	250,49
SIH-IS-02	2211121P031	055	2312200J005	055	2,504	275,44	2816	309,76	243,900	246,23	0,247		244,15	246,23	500	255,85	253,77
SIH-IS-02	2211121P031	056	2312200J005	056	2,504	275,44	2816	309,76	248,900	250,63	0,219		249,12	250,63	500	250,88	249,37
SIH-IS-02	2211121P031	057	2312200J005	057	2,504	275,44	2816	309,76	247,200	247,59	0,221		247,42	247,59	500	252,58	252,41
SIH-IS-02	2211121P031	058	2312200J005	058	2,504	275,44	2816	309,76	246,400	248,25	0,197		246,60	248,25	500	253,40	251,75
SIH-IS-02	2211121P031	059	2312200J005	059	2,504	275,44	2816	309,76	252,900	253,73	0,250		253,15	253,73	500	246,85	246,27
SIH-IS-02	2211121P031	060	2312200J005	060	2,504	275,44	2816	309,76	249,400	251,12	0,242		249,64	251,12	500	250,36	248,88
SIH-IS-02	2211121P031	061	2312200J005	061	2,504	275,44	2816	309,76	249,000	250,59	0,239		249,24	250,59	500	250,76	249,41
SIH-IS-02	2211121P031	062	2312200J005	062	2,504	275,44	2816	309,76	250,900	252,48	0,239		251,14	252,48	500	248,86	247,52
SIH-IS-02	2211121P031	066	2312200J005	066	2,504	275,44	2816	309,76	244,200	245,79	0,241		244,44	245,79	500	255,56	254,21
SIH-IS-02	2211121P031	067	2312200J005	067	2,504	275,44	2816	309,76	248,700	249,42	0,241		248,94	249,42	500	251,06	250,58
SIH-IS-02	2211121P031	068	2312200J005	068	2,504	275,44	2816	309,76	246,000	247,46	0,225		246,23	247,46	500	253,77	252,54
SIH-IS-02	2211121P031	069	2312200J005	069	2,504	275,44	2816	309,76	247,200	248,79	0,227		247,43	248,79	500	252,57	251,21
SIH-IS-02	2211121P031	070	2312200J005	070	2,504	275,44	2816	309,76	244,000	245,18	0,229		244,23	245,18	500	255,77	254,82
SIH-IS-02	2211121P031	071	2312200J005	071	2,504	275,44	2816	309,76	251,400	253,01	0,241		251,64	253,01	500	248,36	246,99
SIH-IS-02	2211121P031	072	2312200J005	072	2,504	275,44	2816	309,76	247,800	249,34	0,242		248,04	249,34	500	251,96	250,66
SIH-IS-02	2211121P031	076	2312200J005	076	2,504	275,44	2816	309,76	246,800	247,39	0,248		247,05	247,39	500	252,95	252,61
SIH-IS-02	2211121P031	077	2312200J005	077	2,504	275,44	2816	309,76	247,100	247,51	0,243		247,34	247,51	500	252,66	252,49
SIH-IS-02	2211121P031	078	2312200J005	078	2,504	275,44	2816	309,76	248,300	249,95	0,243		248,54	249,95	500	251,46	250,05
SIH-IS-02	2211121P031	079	2312200J005	079	2,504	275,44	2816	309,76	251,800	253,4	0,229		252,03	253,4	500	247,97	246,6
SIH-IS-02	2211121P031	080	2312200J005	080	2,504	275,44	2816	309,76	247,700	249,29	0,219		247,92	249,29	500	252,08	250,71
SIH-IS-02	2211121P031	081	2312200J005	081	2,504	275,44	2816	309,76	243,800	245,32	0,227		244,03	245,32	500	255,97	254,68

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	P in	To Connector	P in	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-02	2211121P031	082	2312200J005	082	2,504				31,74	18,71	0,060		31,80	18,71			
SIH-IS-02	2211121P031	082	2312200J005	082	2,504				31,74	18,71	0,060		31,80	18,71			
SIH-IS-02	2211121P031	083	2312200J005	083	2,504	275,44	2816	309,76	247,800	249,42	0,255		248,06	249,42	500	251,94	250,58
SIH-IS-02	2211121P031	084	2312200J005	084	2,504	275,44	2816	309,76	251,100	251,18	0,264		251,36	251,18	500	248,64	248,82
SIH-IS-02	2211121P031	085	2312200J005	085	2,504	275,44	2816	309,76	251,600	252,22	0,254		251,85	252,22	500	248,15	247,78
SIH-IS-02	2211121P031	086	2312200J005	086	2,504	275,44	2816	309,76	248,100	249,58	0,243		248,34	249,58	500	251,66	250,42
SIH-IS-02	2211121P031	087	2312200J005	087	2,504	275,44	2816	309,76	247,400	248,8	0,248		247,65	248,8	500	252,35	251,2
SIH-IS-02	2211121P031	088	2312200J005	088	2,504	275,44	2816	309,76	248,100	248,62	0,251		248,35	248,62	500	251,65	251,38
SIH-IS-02	2211121P031	089	2312200J005	089	2,504	275,44	2816	309,76	248,900	248,78	0,251		249,15	248,78	500	250,85	251,22
SIH-IS-02	2211121P031	090	2312200J005	090	2,504	275,44	2816	309,76	253,500	253,97	0,222		253,72	253,97	500	246,28	246,03
SIH-IS-02	2211121P031	091	2312200J005	091	2,504	275,44	2816	309,76	250,900	252,54	0,225		251,12	252,54	500	248,88	247,46
SIH-IS-02	2211121P031	092	2312200J005	092	2,504	275,44	2816	309,76	251,400	251,74	0,221		251,62	251,74	500	248,38	248,26
SIH-IS-02	2211121P031	095	2312200J005	095	2,504	275,44	2816	309,76	250,600	251,17	0,254		250,85	251,17	500	249,15	248,83
SIH-IS-02	2211121P031	096	2312200J005	096	2,504	275,44	2816	309,76	249,700	251,98	0,248		249,95	251,98	500	250,05	248,02
SIH-IS-02	2211121P031	097	2312200J005	097	2,504	275,44	2816	309,76	247,800	249,37	0,241		248,04	249,37	500	251,96	250,63
SIH-IS-02	2211121P031	098	2312200J005	098	2,504	275,44	2816	309,76	249,100	249,87	0,251		249,35	249,87	500	250,65	250,13
SIH-IS-02	2211121P031	099	2312200J005	099	2,504	275,44	2816	309,76	245,900	247,28	0,243		246,14	247,28	500	253,86	252,72
SIH-IS-02	2211121P031	100	2312200J005	100	2,504	275,44	2816	309,76	245,700	247,07	0,247		245,95	247,07	500	254,05	252,93
SIH-IS-02	2211121P031	101	2312200J005	101	2,504	275,44	2816	309,76	246,000	247,51	0,227		246,23	247,51	500	253,77	252,49
SIH-IS-02	2211121P031	102	2312200J005	102	2,504	275,44	2816	309,76	246,400	247,77	0,221		246,62	247,77	500	253,38	252,23
SIH-IS-02	2211121P031	103	2312200J005	103	2,504	275,44	2816	309,76	250,200	251,13	0,233		250,43	251,13	500	249,57	248,87
SIH-IS-02	2211121P031	106	2312200J005	106	2,504	275,44	2816	309,76	250,800	252,45	0,249		251,05	252,45	500	248,95	247,55
SIH-IS-02	2211121P031	107	2312200J005	107	2,504	275,44	2816	309,76	251,500	252,97	0,251		251,75	252,97	500	248,25	247,03
SIH-IS-02	2211121P031	108	2312200J005	108	2,504	275,44	2816	309,76	244,700	246,16	0,247		244,95	246,16	500	255,05	253,84
SIH-IS-02	2211121P031	109	2312200J005	109	2,504	275,44	2816	309,76	245,500	246,91	0,249		245,75	246,91	500	254,25	253,09
SIH-IS-02	2211121P031	110	2312200J005	110	2,504	275,44	2816	309,76	250,500	252,11	0,240		250,74	252,11	500	249,26	247,89
SIH-IS-02	2211121P031	111	2312200J005	111	2,504	275,44	2816	309,76	250,500	251,86	0,241		250,74	251,86	500	249,26	248,14
SIH-IS-02	2211121P031	112	2312200J005	112	2,504	275,44	2816	309,76	248,300	249,68	0,249		248,55	249,68	500	251,45	250,32
SIH-IS-02	2211121P031	113	2312200J005	113	2,504	275,44	2816	309,76	250,100	251,51	0,227		250,33	251,51	500	249,67	248,49
SIH-IS-02	2211121P031	116	2312200J005	116	2,504	275,44	2816	309,76	247,400	247,08	0,248		247,65	247,08	500	252,35	252,92
SIH-IS-02	2211121P031	117	2312200J005	117	2,504	275,44	2816	309,76	247,100	247,39	0,243		247,34	247,39	500	252,66	252,61
SIH-IS-02	2211121P031	118	2312200J005	118	2,504	275,44	2816	309,76	246,200	247,59	0,253		246,45	247,59	500	253,55	252,41
SIH-IS-02	2211121P031	119	2312200J005	119	2,504	275,44	2816	309,76	247,400	247,88	0,248		247,65	247,88	500	252,35	252,12
SIH-IS-02	2211121P031	120	2312200J005	120	2,504	275,44	2816	309,76	248,100	249,44	0,243		248,34	249,44	500	251,66	250,56
SIH-IS-02	2211121P031	128	2312200J005	128	2,504	3,5056	2816	3,94	2,46	3,1	0,162		2,63	3,1	50	47,37	46,9

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	P in	To Connector	P in	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,1	0,117		2,58	3,1			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,1	0,117		2,58	3,1			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,1	0,115		2,58	3,1			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,1	0,115		2,58	3,1			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,11	0,116		2,58	3,11			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,11	0,115		2,58	3,11			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,11	0,115		2,58	3,11			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,11	0,115		2,58	3,11			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,11	0,116		2,58	3,11			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,12	0,117		2,58	3,12			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,12	0,116		2,58	3,12			
SIH-IS-02	2211121P031	128	2312200J005	128	2,504				2,46	3,11	0,117		2,58	3,11			
SIH-IS-02											0,000						
SIH-IS-03	2211121P026	001	2312100J004	001	2,435	3,409	2136	2,99	2,76	4,35	0,035		2,79	4,35	50	47,21	45,65
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,36	0,033		2,79	4,36			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,37	0,034		2,79	4,37			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,38	0,033		2,79	4,38			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,4	0,034		2,79	4,4			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,41	0,033		2,79	4,41			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,42	0,035		2,79	4,42			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,43	0,034		2,79	4,43			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,44	0,034		2,79	4,44			
SIH-IS-03	2211121P026	001	2312100J004	001	2,435				2,76	4,44	0,035		2,79	4,44			
SIH-IS-03	2211121P026	005	2312100J004	005	2,435	3,409	2136	2,99	13,13	14,27	0,039		13,17	14,27	50	36,83	35,73
SIH-IS-03	2211121P026	005	2312100J004	005	2,435	0		0,00		14,27	0,000		0,00	14,27			
SIH-IS-03	2211121P026	005	2312100J004	005	2,435	0		0,00		14,27	0,000		0,00	14,27			
SIH-IS-03	2211121P026	006	2312100J004	006	2,435	3,409	2136	2,99	2,81	4,23	0,039		2,84	4,23	50	47,16	45,77
SIH-IS-03	2211121P026	006	2312100J004	006	2,435				2,81	4,23	0,039		2,84	4,23			
SIH-IS-03	2211121P026	006	2312100J004	006	2,435				2,81	4,23	0,038		2,84	4,23			
SIH-IS-03	2211121P026	006	2312100J004	006	2,435				2,81	4,23	0,039		2,84	4,23			
SIH-IS-03	2211121P026	006	2312100J004	006	2,435				2,81	4,22	0,039		2,84	4,22			
SIH-IS-03	2211121P026	006	2312100J004	006	2,435				2,81	4,2	0,039		2,84	4,2			
SIH-IS-03	2211121P026	006	2312100J004	006	2,435				2,81	4,2	0,039		2,84	4,2			
SIH-IS-03	2211121P026	007	2312100J004	007	2,435				17,56	18,86	0,311		17,87	18,86			
SIH-IS-03	2211121P026	009	2312100J004	009	2,435	18,993	2136	16,66	17,75	18,3	0,323		18,07	18,3	100	81,93	81,7

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-03	2211121P026	010	2312100J004	010	2,435	18,993	2136	16,66	17,69	18,57	0,317		18,01	18,57	100	81,99	81,43
SIH-IS-03	2211121P026	011	2312100J004	011	2,435	18,993	2136	16,66	17,66	18,22	0,313		17,97	18,22	100	82,03	81,78
SIH-IS-03	2211121P026	012	2312100J004	012	2,435	18,993	2136	16,66	17,55	18,37	0,464		18,01	18,37	100	81,99	81,63
SIH-IS-03	2211121P026	013	2312100J004	013	2,435	18,993	2136	16,66	17,40	18,25	0,313		17,71	18,25	100	82,29	81,75
SIH-IS-03	2211121P026	014	2312100J004	014	2,435	18,993	2136	16,66	17,49	18,2	0,316		17,81	18,2	100	82,19	81,8
SIH-IS-03	2211121P026	016	2312100J004	016	2,435	18,993	2136	16,66	17,28	18,11	0,315		17,59	18,11	100	82,41	81,89
SIH-IS-03	2211121P026	017	2312100J004	017	2,435	18,993	2136	16,66	17,64	18,32	0,320		17,96	18,32	100	82,04	81,68
SIH-IS-03	2211121P026	018	2312100J004	018	2,435	18,993	2136	16,66	17,51	18,42	0,316		17,83	18,42	100	82,17	81,58
SIH-IS-03	2211121P026	019	2312100J004	019	2,435	18,993	2136	16,66	17,45	18,16	0,319		17,77	18,16	100	82,23	81,84
SIH-IS-03	2211121P026	020	2312100J004	020	2,435	18,993	2136	16,66	17,30	18,37	0,306		17,61	18,37	100	82,39	81,63
SIH-IS-03	2211121P026	021	2312100J004	021	2,435	18,993	2136	16,66	17,39	18,76	0,306		17,70	18,76	100	82,30	81,24
SIH-IS-03	2211121P026	022	2312100J004	022	2,435	18,993	2136	16,66	17,76	18,36	0,311		18,07	18,36	100	81,93	81,64
SIH-IS-03	2211121P026	023	2312100J004	023	2,435	18,993	2136	16,66	17,75	18,35	0,309		18,06	18,35	100	81,94	81,65
SIH-IS-03	2211121P026	024	2312100J004	024	2,435	18,993	2136	16,66	17,84	18,43	0,315		18,15	18,43	100	81,85	81,57
SIH-IS-03	2211121P026	026	2312100J004	026	2,435	18,993	2136	16,66	18,01	18,39	0,319		18,33	18,39	100	81,67	81,61
SIH-IS-03	2211121P026	027	2312100J004	027	2,435	18,993	2136	16,66	17,26	18	0,315		17,57	18	100	82,43	82
SIH-IS-03	2211121P026	028	2312100J004	028	2,435	18,993	2136	16,66	17,54	18,74	0,315		17,86	18,74	100	82,14	81,26
SIH-IS-03	2211121P026	029	2312100J004	029	2,435	18,993	2136	16,66	17,29	18,34	0,320		17,61	18,34	100	82,39	81,66
SIH-IS-03	2211121P026	030	2312100J004	030	2,435	18,993	2136	16,66	18,06	18,26	0,311		18,37	18,26	100	81,63	81,74
SIH-IS-03	2211121P026	031	2312100J004	031	2,435	18,993	2136	16,66	17,64	18,32	0,313		17,95	18,32	100	82,05	81,68
SIH-IS-03	2211121P026	032	2312100J004	032	2,435	18,993	2136	16,66	17,84	18,44	0,316		18,16	18,44	100	81,84	81,56
SIH-IS-03	2211121P026	033	2312100J004	033	2,435	18,993	2136	16,66	17,71	18,44	0,315		18,03	18,44	100	81,97	81,56
SIH-IS-03	2211121P026	034	2312100J004	034	2,435	18,993	2136	16,66	17,66	18,36	0,309		17,97	18,36	100	82,03	81,64
SIH-IS-03	2211121P026	035	2312100J004	035	2,435	18,993	2136	16,66	17,91	18,56	0,313		18,22	18,56	100	81,78	81,44
SIH-IS-03	2211121P026	036	2312100J004	036	2,435	3,409	2136	2,99	2,76	3,32	0,034		2,80	3,32	50	47,20	46,68
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,32	0,033		2,80	3,32			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,32	0,032		2,80	3,32			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,32	0,032		2,80	3,32			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,32	0,033		2,80	3,32			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,31	0,033		2,80	3,31			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,31	0,033		2,80	3,31			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,31	0,033		2,80	3,31			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,32	0,033		2,80	3,32			
SIH-IS-03	2211121P026	036	2312100J004	036	2,435				2,76	3,32	0,033		2,80	3,32			
SIH-IS-03	2211121P026	037	2312100J004	037	2,435	18,993	2136	16,66	17,91	18,05	0,319		18,23	18,05	100	81,77	81,95

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-03	2211121P026	038	2312100J004	038	2,435	18,993	2136	16,66	18,11	18,56	0,317		18,43	18,56	100	81,57	81,44
SIH-IS-03	2211121P026	039	2312100J004	039	2,435	18,993	2136	16,66	17,33	18,49	0,323		17,65	18,49	100	82,35	81,51
SIH-IS-03	2211121P026	040	2312100J004	040	2,435	18,993	2136	16,66	17,34	18,32	0,320		17,66	18,32	100	82,34	81,68
SIH-IS-03	2211121P026	041	2312100J004	041	2,435	18,993	2136	16,66	17,90	18,42	0,310		18,21	18,42	100	81,79	81,58
SIH-IS-03	2211121P026	042	2312100J004	042	2,435	18,993	2136	16,66	17,61	18,38	0,319		17,93	18,38	100	82,07	81,62
SIH-IS-03	2211121P026	043	2312100J004	043	2,435	18,993	2136	16,66	17,62	18,08	0,323		17,94	18,08	100	82,06	81,92
SIH-IS-03	2211121P026	044	2312100J004	044	2,435	18,993	2136	16,66	17,45	18,32	0,314		17,76	18,32	100	82,24	81,68
SIH-IS-03	2211121P026	045	2312100J004	045	2,435	18,993	2136	16,66	17,81	18,16	0,313		18,12	18,16	100	81,88	81,84
SIH-IS-03	2211121P026	046	2312100J004	046	2,435	18,993	2136	16,66	17,87	18,67	0,315		18,18	18,67	100	81,82	81,33
SIH-IS-03	2211121P026	048	2312100J004	048	2,435	18,993	2136	16,66	17,58	18,05	0,315		17,90	18,05	100	82,10	81,95
SIH-IS-03	2211121P026	049	2312100J004	049	2,435	18,993	2136	16,66	18,07	18,29	0,318		18,39	18,29	100	81,61	81,71
SIH-IS-03	2211121P026	050	2312100J004	050	2,435	18,993	2136	16,66	17,93	18,39	0,317		18,25	18,39	100	81,75	81,61
SIH-IS-03	2211121P026	051	2312100J004	051	2,435	18,993	2136	16,66	17,97	18,37	0,315		18,29	18,37	100	81,71	81,63
SIH-IS-03	2211121P026	052	2312100J004	052	2,435	18,993	2136	16,66	17,99	18,14	0,313		18,30	18,14	100	81,70	81,86
SIH-IS-03	2211121P026	053	2312100J004	053	2,435	18,993	2136	16,66	17,94	18,22	0,316		18,26	18,22	100	81,74	81,78
SIH-IS-03	2211121P026	054	2312100J004	054	2,435	18,993	2136	16,66	17,56	18,32	0,321		17,88	18,32	100	82,12	81,68
SIH-IS-03	2211121P026	055	2312100J004	055	2,435	18,993	2136	16,66	17,91	18,66	0,313		18,22	18,66	200	181,78	181,34
SIH-IS-03	2211121P026	056	2312100J004	056	2,435	18,993	2136	16,66	17,53	18,74	0,309		17,84	18,74	100	82,16	81,26
SIH-IS-03	2211121P026	057	2312100J004	057	2,435	18,993	2136	16,66	17,52	18,68	0,316		17,84	18,68	100	82,16	81,32
SIH-IS-03	2211121P026	058	2312100J004	058	2,435	18,993	2136	16,66	17,88	18,49	0,317		18,20	18,49	100	81,80	81,51
SIH-IS-03	2211121P026	059	2312100J004	059	2,435	18,993	2136	16,66	18,00	18,73	0,321		18,32	18,73	100	81,68	81,27
SIH-IS-03	2211121P026	060	2312100J004	060	2,435	18,993	2136	16,66	17,59	18,51	0,312		17,90	18,51	100	82,10	81,49
SIH-IS-03	2211121P026	061	2312100J004	061	2,435	18,993	2136	16,66	17,94	18,75	0,318		18,26	18,75	100	81,74	81,25
SIH-IS-03	2211121P026	062	2312100J004	062	2,435	18,993	2136	16,66	18,03	18,56	0,316		18,35	18,56	100	81,65	81,44
SIH-IS-03	2211121P026	063	2312100J004	063	2,435	18,993	2136	16,66	17,48	18,84	0,324		17,80	18,84	100	82,20	81,16
SIH-IS-03	2211121P026	064	2312100J004	064	2,435	3,409	2136	2,99	2,83	3,34	0,039		2,87	3,34	50	47,13	46,66
SIH-IS-03	2211121P026	064	2312100J004	064	2,435				2,83	3,34	0,038		2,87	3,34			
SIH-IS-03	2211121P026	064	2312100J004	064	2,435				2,83	3,33	0,037		2,87	3,33			
SIH-IS-03	2211121P026	064	2312100J004	064	2,435				2,83	3,34	0,038		2,87	3,34			
SIH-IS-03	2211121P026	064	2312100J004	064	2,435				2,83	3,34	0,038		2,87	3,34			
SIH-IS-03	2211121P026	064	2312100J004	064	2,435				2,83	3,33	0,038		2,87	3,33			
SIH-IS-03	2211121P026	064	2312100J004	064	2,435				2,83	3,33	0,038		2,87	3,33			
SIH-IS-03	2211121P026	065	2312100J004	065	2,435				12,39	12,97	0,000		12,39	12,97			
SIH-IS-03	2211121P026	065	2312100J004	065	2,435				12,39	12,97	0,000		12,39	12,97			
SIH-IS-03	2211121P026	065	2312100J004	065	2,435				12,39	12,97	0,000		12,39	12,97			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-03	2211121P026	066	2312100J004	066	2,435	18,993	2136	16,66	17,94	18,48	0,311		18,25	18,48	200	181,75	181,52
SIH-IS-03	2211121P026	067	2312100J004	067	2,435	18,993	2136	16,66	17,59	18,19	0,314		17,90	18,19	200	182,10	181,81
SIH-IS-03	2211121P026	068	2312100J004	068	2,435	18,993	2136	16,66	17,50	18,31	0,315		17,81	18,31	100	82,19	81,69
SIH-IS-03	2211121P026	069	2312100J004	069	2,435	18,993	2136	16,66	17,49	18,34	0,311		17,80	18,34	100	82,20	81,66
SIH-IS-03	2211121P026	070	2312100J004	070	2,435	18,993	2136	16,66	18,10	18,16	0,317		18,42	18,16	100	81,58	81,84
SIH-IS-03	2211121P026	071	2312100J004	071	2,435	18,993	2136	16,66	18,11	18,4	0,314		18,42	18,4	100	81,58	81,6
SIH-IS-03	2211121P026	072	2312100J004	072	2,435	18,993	2136	16,66	17,70	18,12	0,315		18,02	18,12	100	81,98	81,88
SIH-IS-03	2211121P026	073	2312100J004	073	2,435	18,993	2136	16,66	18,05	18,18	0,316		18,37	18,18	100	81,63	81,82
SIH-IS-03	2211121P026	074	2312100J004	074	2,435	18,993	2136	16,66	18,14	18,09	0,317		18,46	18,09	100	81,54	81,91
SIH-IS-03	2211121P026	075	2312100J004	075	2,435	18,993	2136	16,66	17,71	18,42	0,319		18,03	18,42	100	81,97	81,58
SIH-IS-03	2211121P026	076	2312100J004	076	2,435	18,993	2136	16,66	17,80	18,6	0,314		18,11	18,6	100	81,89	81,4
SIH-IS-03	2211121P026	077	2312100J004	077	2,435	18,993	2136	16,66	17,55	18,27	0,312		17,86	18,27	100	82,14	81,73
SIH-IS-03	2211121P026	078	2312100J004	078	2,435	18,993	2136	16,66	17,60	18,38	0,316		17,92	18,38	200	182,08	181,62
SIH-IS-03	2211121P026	079	2312100J004	079	2,435	18,993	2136	16,66	17,63	18,65	0,314		17,94	18,65	200	182,06	181,35
SIH-IS-03	2211121P026	080	2312100J004	080	2,435	18,993	2136	16,66	17,55	18,59	0,308		17,86	18,59	100	82,14	81,41
SIH-IS-03	2211121P026	081	2312100J004	081	2,435	18,993	2136	16,66	18,05	18,13	0,316		18,37	18,13	100	81,63	81,87
SIH-IS-03	2211121P026	083	2312100J004	083	2,435	18,993	2136	16,66	17,66	18,03	0,316		17,98	18,03	100	82,02	81,97
SIH-IS-03	2211121P026	084	2312100J004	084	2,435	18,993	2136	16,66	17,90	18,11	0,313		18,21	18,11	100	81,79	81,89
SIH-IS-03	2211121P026	085	2312100J004	085	2,435	18,993	2136	16,66	17,87	18,54	0,306		18,18	18,54	100	81,82	81,46
SIH-IS-03	2211121P026	086	2312100J004	086	2,435	18,993	2136	16,66	18,00	18,21	0,317		18,32	18,21	100	81,68	81,79
SIH-IS-03	2211121P026	087	2312100J004	087	2,435	18,993	2136	16,66	17,94	18,89	0,321		18,26	18,89	100	81,74	81,11
SIH-IS-03	2211121P026	088	2312100J004	088	2,435	18,993	2136	16,66	17,52	18,73	0,311		17,83	18,73	100	82,17	81,27
SIH-IS-03	2211121P026	089	2312100J004	089	2,435	18,993	2136	16,66	17,58	18,36	0,315		17,90	18,36	100	82,10	81,64
SIH-IS-03	2211121P026	090	2312100J004	090	2,435	18,993	2136	16,66	17,61	18,45	0,312		17,92	18,45	200	182,08	181,55
SIH-IS-03	2211121P026	091	2312100J004	091	2,435	3,409	2136	2,99	2,81	3,41	0,046		2,86	3,41	50	47,14	46,59
SIH-IS-03	2211121P026	091	2312100J004	091	2,435				2,81	3,41	0,046		2,86	3,41			
SIH-IS-03	2211121P026	091	2312100J004	091	2,435				2,81	3,41	0,046		2,86	3,41			
SIH-IS-03	2211121P026	091	2312100J004	091	2,435				2,81	3,41	0,045		2,86	3,41			
SIH-IS-03	2211121P026	091	2312100J004	091	2,435				2,81	3,41	0,046		2,86	3,41			
SIH-IS-03	2211121P026	092	2312100J004	092	2,435	18,993	2136	16,66	17,73	18,39	0,315		18,05	18,39	200	181,95	181,61
SIH-IS-03	2211121P026	095	2312100J004	095	2,435	18,993	2136	16,66	17,91	17,84	0,310		18,22	17,84	100	81,78	82,16
SIH-IS-03	2211121P026	096	2312100J004	096	2,435	18,993	2136	16,66	17,76	18,29	0,309		18,07	18,29	100	81,93	81,71
SIH-IS-03	2211121P026	097	2312100J004	097	2,435	18,993	2136	16,66	17,69	18,27	0,317		18,01	18,27	100	81,99	81,73
SIH-IS-03	2211121P026	098	2312100J004	098	2,435	18,993	2136	16,66	17,66	18,35	0,319		17,98	18,35	100	82,02	81,65
SIH-IS-03	2211121P026	99	2312100J004	099	2,435	18,993	2136	16,66	17,40	18,28	0,317		17,72	18,28	100	82,28	81,72

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-03	2211121P026	100	2312100J004	100	2,435	18,993	2136	16,66	17,49	18,58	0,313		17,80	18,58	100	82,20	81,42
SIH-IS-03	2211121P026	101	2312100J004	101	2,435	18,993	2136	16,66	17,42	18,56	0,306		17,73	18,56	200	182,27	181,44
SIH-IS-03	2211121P026	102	2312100J004	102	2,435	18,993	2136	16,66	17,48	18,51	0,307		17,79	18,51	200	182,21	181,49
SIH-IS-03	2211121P026	103	2312100J004	103	2,435	18,993	2136	16,66	17,57	18,91	0,320		17,89	18,91	200	182,11	181,09
SIH-IS-03	2211121P026	104	2312100J004	104	2,435	18,993	2136	16,66	17,70	18,49	0,315		18,01	18,49	200	181,99	181,51
SIH-IS-03	2211121P026	105	2312100J004	105	2,435					13,13	0,000		0,00	13,13			
SIH-IS-03	2211121P026	105	2312100J004	105	2,435					13,13	0,000		0,00	13,13			
SIH-IS-03	2211121P026	105	2312100J004	105	2,435					13,12	0,000		0,00	13,12			
SIH-IS-03	2211121P026	106	2312100J004	106	2,435	18,993	2136	16,66	17,69	18,1	0,309		18,00	18,1	100	82,00	81,9
SIH-IS-03	2211121P026	107	2312100J004	107	2,435	18,993	2136	16,66	17,70	18,23	0,315		18,02	18,23	100	81,98	81,77
SIH-IS-03	2211121P026	108	2312100J004	108	2,435	18,993	2136	16,66	17,93	18,78	0,312		18,24	18,78	100	81,76	81,22
SIH-IS-03	2211121P026	109	2312100J004	109	2,435	18,993	2136	16,66	17,90	18,36	0,313		18,21	18,36	100	81,79	81,64
SIH-IS-03	2211121P026	110	2312100J004	110	2,435	18,993	2136	16,66	17,89	18,42	0,306		18,20	18,42	100	81,80	81,58
SIH-IS-03	2211121P026	111	2312100J004	111	2,435	18,993	2136	16,66	18,07	18,22	0,307		18,38	18,22	100	81,62	81,78
SIH-IS-03	2211121P026	112	2312100J004	112	2,435	18,993	2136	16,66	17,57	18,29	0,312		17,88	18,29	100	82,12	81,71
SIH-IS-03	2211121P026	113	2312100J004	113	2,435	18,993	2136	16,66	17,61	18,35	0,316		17,93	18,35	200	182,07	181,65
SIH-IS-03	2211121P026	114	2312100J004	114	2,435				12,47	13,03	0,000		12,47	13,03			
SIH-IS-03	2211121P026	114	2312100J004	114	2,435				12,47	13,03	0,000		12,47	13,03			
SIH-IS-03	2211121P026	114	2312100J004	114	2,435				12,47	13,03	0,000		12,47	13,03			
SIH-IS-03	2211121P026	116	2312100J004	116	2,435	18,993	2136	16,66	17,85	18,47	0,314		18,16	18,47	100	81,84	81,53
SIH-IS-03	2211121P026	117	2312100J004	117	2,435	18,993	2136	16,66	18,25	18,73	0,314		18,56	18,73	100	81,44	81,27
SIH-IS-03	2211121P026	118	2312100J004	118	2,435	18,993	2136	16,66	17,55	18,4	0,313		17,86	18,4	100	82,14	81,6
SIH-IS-03	2211121P026	119	2312100J004	119	2,435	18,993	2136	16,66	17,66	18,5	0,315		17,98	18,5	100	82,02	81,5
SIH-IS-03	2211121P026	120	2312100J004	120	2,435	18,993	2136	16,66	17,57	18,34	0,309		17,88	18,34	100	82,12	81,66
SIH-IS-03	2211121P026	128	2312100J004	128	2,435	3,409	2136	2,99	2,83	3,46	0,047		2,88	3,46	50	47,12	46,54
SIH-IS-03	2211121P026	128	2312100J004	128	2,435				2,83	3,46	0,046		2,88	3,46			
SIH-IS-03	2211121P026	128	2312100J004	128	2,435				2,83	3,46	0,046		2,88	3,46			
SIH-IS-03	2211121P026	128	2312100J004	128	2,435				2,83	3,47	0,046		2,88	3,47			
SIH-IS-03	2211121P026	128	2312100J004	128	2,435				2,83	3,46	0,046		2,88	3,46			
											0,000						
SIH-IS-04	2211121P022	004	2312100J003	004	3,522	4,9308			3,76	4,4	0,141		3,90	4,4	50	46,10	45,6
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,141		3,90	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,142		3,90	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,187		3,95	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,152		3,91	4,41			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,153		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,153		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,153		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,153		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,153		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,153		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,152		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,151		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,151		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,152		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,152		3,91	4,41			
SIH-IS-04	2211121P022	004	2312100J003	004	3,522				3,76	4,41	0,151		3,91	4,41			
SIH-IS-04	2211121P022	009	2312100J003	009	3,522	387,42	2816	309,76	368,600	370,37	0,333		368,93	370,37	500	131,07	129,63
SIH-IS-04	2211121P022	010	2312100J003	010	3,522	387,42	2816	309,76	367,100	368,64	0,330		367,43	368,64	500	132,57	131,36
SIH-IS-04	2211121P022	011	2312100J003	011	3,522	387,42	2816	309,76	368,900	370,08	0,323		369,22	370,08	500	130,78	129,92
SIH-IS-04	2211121P022	012	2312100J003	012	3,522	387,42	2816	309,76	369,200	370,47	0,294		369,49	370,47	500	130,51	129,53
SIH-IS-04	2211121P022	013	2312100J003	013	3,522	387,42	2816	309,76	367,900	369,23	0,333		368,23	369,23	500	131,77	130,77
SIH-IS-04	2211121P022	016	2312100J003	016	3,522	387,42	2816	309,76	365,900	367,49	0,323		366,22	367,49	500	133,78	132,51
SIH-IS-04	2211121P022	017	2312100J003	017	3,522	387,42	2816	309,76	368,000	369,48	0,330		368,33	369,48	500	131,67	130,52
SIH-IS-04	2211121P022	018	2312100J003	018	3,522	387,42	2816	309,76	365,800	367,2	0,328		366,13	367,2	500	133,87	132,8
SIH-IS-04	2211121P022	019	2312100J003	019	3,522	387,42	2816	309,76	369,000	378,3	0,333		369,33	378,3	500	130,67	121,7
SIH-IS-04	2211121P022	020	2312100J003	020	3,522	387,42	2816	309,76	370,400	371,56	0,323		370,72	371,56	500	129,28	128,44
SIH-IS-04	2211121P022	021	2312100J003	021	3,522	387,42	2816	309,76	369,200	370,47	0,322		369,52	370,47	500	130,48	129,53
SIH-IS-04	2211121P022	022	2312100J003	022	3,522	387,42	2816	309,76	370,100	371,38	0,328		370,43	371,38	500	129,57	128,62
SIH-IS-04	2211121P022	023	2312100J003	023	3,522	387,42	2816	309,76	368,100	369,51	0,266		368,37	369,51	500	131,63	130,49
SIH-IS-04	2211121P022	026	2312100J003	026	3,522	387,42	2816	309,76	366,700	368,24	0,329		367,03	368,24	500	132,97	131,76
SIH-IS-04	2211121P022	027	2312100J003	027	3,522	387,42	2816	309,76	367,400	368,84	0,325		367,72	368,84	500	132,28	131,16
SIH-IS-04	2211121P022	028	2312100J003	028	3,522	387,42	2816	309,76	364,800	366,24	0,333		365,13	366,24	500	134,87	133,76
SIH-IS-04	2211121P022	029	2312100J003	029	3,522	387,42	2816	309,76	369,700	371,23	0,326		370,03	371,23	500	129,97	128,77
SIH-IS-04	2211121P022	030	2312100J003	030	3,522	387,42	2816	309,76	367,000	368,52	0,323		367,32	368,52	500	132,68	131,48
SIH-IS-04	2211121P022	031	2312100J003	031	3,522	387,42	2816	309,76	369,500	370,97	0,322		369,82	370,97	500	130,18	129,03
SIH-IS-04	2211121P022	032	2312100J003	032	3,522	387,42	2816	309,76	370,300	371,73	0,321		370,62	371,73	500	129,38	128,27
SIH-IS-04	2211121P022	033	2312100J003	033	3,522	387,42	2816	309,76	368,700	370,06	0,272		368,97	370,06	500	131,03	129,94
SIH-IS-04	2211121P022	034	2312100J003	034	3,522	387,42	2816	309,76	367,400	368,88	0,305		367,71	368,88	500	132,29	131,12
SIH-IS-04	2211121P022	036	2312100J003	036	3,522	4,9308			3,56	4,15	0,219		3,77	4,15	50	46,23	45,85

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,152		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,153		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,154		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,153		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,152		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,152		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,153		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,153		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,152		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,154		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,153		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,152		3,71	4,14			
SIH-IS-04	2211121P022	036	2312100J003	036	3,522				3,56	4,14	0,084		3,64	4,14			
SIH-IS-04	2211121P022	037	2312100J003	037	3,522	387,42	2816	309,76	366,000	367,47	0,323		366,32	367,47	500	133,68	132,53
SIH-IS-04	2211121P022	038	2312100J003	038	3,522	387,42	2816	309,76	366,400	367,62	0,336		366,74	367,62	500	133,26	132,38
SIH-IS-04	2211121P022	039	2312100J003	039	3,522	387,42	2816	309,76	369,000	370,29	0,327		369,33	370,29	500	130,67	129,71
SIH-IS-04	2211121P022	040	2312100J003	040	3,522	387,42	2816	309,76	369,800	371,03	0,325		370,12	371,03	500	129,88	128,97
SIH-IS-04	2211121P022	041	2312100J003	041	3,522	387,42	2816	309,76	368,200	369,58	0,323		368,52	369,58	500	131,48	130,42
SIH-IS-04	2211121P022	042	2312100J003	042	3,522	387,42	2816	309,76	366,700	367,95	0,325		367,02	367,95	500	132,98	132,05
SIH-IS-04	2211121P022	043	2312100J003	043	3,522	387,42	2816	309,76	367,800	369,17	0,330		368,13	369,17	500	131,87	130,83
SIH-IS-04	2211121P022	044	2312100J003	044	3,522	387,42	2816	309,76	371,200	372,35	0,302		371,50	372,35	500	128,50	127,65
SIH-IS-04	2211121P022	045	2312100J003	045	3,522	387,42	2816	309,76	367,100	368,22	0,305		367,41	368,22	500	132,59	131,78
SIH-IS-04	2211121P022	046	2312100J003	046	3,522	387,42	2816	309,76	367,800	369,06	0,303		368,10	369,06	500	131,90	130,94
SIH-IS-04	2211121P022	048	2312100J003	048	3,522	387,42	2816	309,76	365,600	367,04	0,325		365,93	367,04	500	134,07	132,96
SIH-IS-04	2211121P022	049	2312100J003	049	3,522	387,42	2816	309,76	364,900	366,33	0,329		365,23	366,33	500	134,77	133,67
SIH-IS-04	2211121P022	050	2312100J003	050	3,522	387,42	2816	309,76	368,200	369,42	0,323		368,52	369,42	500	131,48	130,58
SIH-IS-04	2211121P022	051	2312100J003	051	3,522	387,42	2816	309,76	368,400	369,71	0,323		368,72	369,71	500	131,28	130,29
SIH-IS-04	2211121P022	052	2312100J003	052	3,522	387,42	2816	309,76	367,300	368,61	0,325		367,62	368,61	500	132,38	131,39
SIH-IS-04	2211121P022	053	2312100J003	053	3,522	387,42	2816	309,76	368,300	369,63	0,333		368,63	369,63	500	131,37	130,37
SIH-IS-04	2211121P022	054	2312100J003	054	3,522	387,42	2816	309,76	368,100	369,42	0,330		368,43	369,42	500	131,57	130,58
SIH-IS-04	2211121P022	055	2312100J003	055	3,522	387,42	2816	309,76	365,200	366,73	0,329		365,53	366,73	500	134,47	133,27
SIH-IS-04	2211121P022	056	2312100J003	056	3,522	387,42	2816	309,76	370,000	371,42	0,304		370,30	371,42	500	129,70	128,58
SIH-IS-04	2211121P022	057	2312100J003	057	3,522	387,42	2816	309,76	369,800	371,32	0,305		370,10	371,32	500	129,90	128,68
SIH-IS-04	2211121P022	058	2312100J003	058	3,522	387,42	2816	309,76	368,700	370,05	0,307		369,01	370,05	500	130,99	129,95

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-04	2211121P022	059	2312100J003	059	3,522	387,42	2816	309,76	365,000	366,52	0,326		365,33	366,52	500	134,67	133,48
SIH-IS-04	2211121P022	060	2312100J003	060	3,522	387,42	2816	309,76	364,400	365,99	0,323		364,72	365,99	500	135,28	134,01
SIH-IS-04	2211121P022	061	2312100J003	061	3,522	387,42	2816	309,76	366,800	368,43	0,326		367,13	368,43	500	132,87	131,57
SIH-IS-04	2211121P022	062	2312100J003	062	3,522	387,42	2816	309,76	369,700	371,02	0,333		370,03	371,02	500	129,97	128,98
SIH-IS-04	2211121P022	063	2312100J003	063	3,522	387,42	2816	309,76	365,300	366,74	0,333		365,63	366,74	500	134,37	133,26
SIH-IS-04	2211121P022	066	2312100J003	066	3,522	387,42	2816	309,76	364,700	365,98	0,325		365,02	365,98	500	134,98	134,02
SIH-IS-04	2211121P022	067	2312100J003	067	3,522	387,42	2816	309,76	367,300	368,68	0,327		367,63	368,68	500	132,37	131,32
SIH-IS-04	2211121P022	068	2312100J003	068	3,522	387,42	2816	309,76	369,100	370,52	0,300		369,40	370,52	500	130,60	129,48
SIH-IS-04	2211121P022	069	2312100J003	069	3,522	387,42	2816	309,76	367,300	368,6	0,300		367,60	368,6	500	132,40	131,4
SIH-IS-04	2211121P022	070	2312100J003	070	3,522	387,42	2816	309,76	366,300	367,71	0,297		366,60	367,71	500	133,40	132,29
SIH-IS-04	2211121P022	071	2312100J003	071	3,522	387,42	2816	309,76	366,200	367,41	0,327		366,53	367,41	500	133,47	132,59
SIH-IS-04	2211121P022	072	2312100J003	072	3,522	387,42	2816	309,76	365,200	366,6	0,323		365,52	366,6	500	134,48	133,4
SIH-IS-04	2211121P022	073	2312100J003	073	3,522	387,42	2816	309,76	365,900	367,19	0,325		366,23	367,19	500	133,77	132,81
SIH-IS-04	2211121P022	074	2312100J003	074	3,522	387,42	2816	309,76	365,000	366,12	0,324		365,32	366,12	500	134,68	133,88
SIH-IS-04	2211121P022	075	2312100J003	075	3,522	387,42	2816	309,76	366,300	367,59	0,321		366,62	367,59	500	133,38	132,41
SIH-IS-04	2211121P022	076	2312100J003	076	3,522	387,42	2816	309,76	369,000	370,47	0,318		369,32	370,47	500	130,68	129,53
SIH-IS-04	2211121P022	077	2312100J003	077	3,522	387,42	2816	309,76	370,200	371,48	0,325		370,53	371,48	500	129,47	128,52
SIH-IS-04	2211121P022	078	2312100J003	078	3,522	387,42	2816	309,76	365,800	367,03	0,330		366,13	367,03	500	133,87	132,97
SIH-IS-04	2211121P022	079	2312100J003	079	3,522	387,42	2816	309,76	370,400	371,8	0,296		370,70	371,8	500	129,30	128,2
SIH-IS-04	2211121P022	080	2312100J003	080	3,522	387,42	2816	309,76	366,200	367,67	0,294		366,49	367,67	500	133,51	132,33
SIH-IS-04	2211121P022	081	2312100J003	081	3,522	387,42	2816	309,76	367,300	368,61	0,296		367,60	368,61	500	132,40	131,39
SIH-IS-04	2211121P022	083	2312100J003	083	3,522	387,42	2816	309,76	367,400	368,65	0,328		367,73	368,65	500	132,27	131,35
SIH-IS-04	2211121P022	084	2312100J003	084	3,522	387,42	2816	309,76	365,200	366,47	0,000		365,20	366,47	500	134,80	133,53
SIH-IS-04	2211121P022	085	2312100J003	085	3,522	387,42	2816	309,76	367,100	368,42	0,000		367,10	368,42	500	132,90	131,58
SIH-IS-04	2211121P022	086	2312100J003	086	3,522	387,42	2816	309,76	367,200	368,47	0,324		367,52	368,47	500	132,48	131,53
SIH-IS-04	2211121P022	087	2312100J003	087	3,522	387,42	2816	309,76	368,300	369,28	0,327		368,63	369,28	500	131,37	130,72
SIH-IS-04	2211121P022	088	2312100J003	088	3,522	387,42	2816	309,76	367,700	368,94	0,303		368,00	368,94	500	132,00	131,06
SIH-IS-04	2211121P022	089	2312100J003	089	3,522	387,42	2816	309,76	369,300	370,42	0,296		369,60	370,42	500	130,40	129,58
SIH-IS-04	2211121P022	090	2312100J003	090	3,522	387,42	2816	309,76	369,100	370,32	0,300		369,40	370,32	500	130,60	129,68
SIH-IS-04	2211121P022	091	2312100J003	091	3,522	387,42	2816	309,76	365,700	367,04	0,296		366,00	367,04	500	134,00	132,96
SIH-IS-04	2211121P022	092	2312100J003	092	3,522	387,42	2816	309,76	367,900	369,13	0,297		368,20	369,13	500	131,80	130,87
SIH-IS-04	2211121P022	095	2312100J003	095	3,522	387,42	2816	309,76	366,700	367,84	0,000		366,70	367,84	500	133,30	132,16
SIH-IS-04	2211121P022	096	2312100J003	096	3,522	387,42	2816	309,76	365,700	366,95	0,000		365,70	366,95	500	134,30	133,05
SIH-IS-04	2211121P022	097	2312100J003	097	3,522	387,42	2816	309,76	367,000	368,32	0,323		367,32	368,32	500	132,68	131,68
SIH-IS-04	2211121P022	098	2312100J003	098	3,522	387,42	2816	309,76	368,400	369,48	0,333		368,73	369,48	500	131,27	130,52

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-04	2211121P022	099	2312100J003	099	3,522	387,42	2816	309,76	369,600	370,73	0,303		369,90	370,73	500	130,10	129,27
SIH-IS-04	2211121P022	100	2312100J003	100	3,522	387,42	2816	309,76	370,700	371,93	0,293		370,99	371,93	500	129,01	128,07
SIH-IS-04	2211121P022	101	2312100J003	101	3,522	387,42	2816	309,76	367,200	368,5	0,294		367,49	368,5	500	132,51	131,5
SIH-IS-04	2211121P022	102	2312100J003	102	3,522	387,42	2816	309,76	367,900	369,21	0,301		368,20	369,21	500	131,80	130,79
SIH-IS-04	2211121P022	103	2312100J003	103	3,522	387,42	2816	309,76	367,400	368,61	0,303		367,70	368,61	500	132,30	131,39
SIH-IS-04	2211121P022	106	2312100J003	106	3,522	387,42	2816	309,76	369,800	371,12	0,000		369,80	371,12	500	130,20	128,88
SIH-IS-04	2211121P022	107	2312100J003	107	3,522	387,42	2816	309,76	368,400	369,7	0,000		368,40	369,7	500	131,60	130,3
SIH-IS-04	2211121P022	108	2312100J003	108	3,522	387,42	2816	309,76	369,800	370,99	0,324		370,12	370,99	500	129,88	129,01
SIH-IS-04	2211121P022	109	2312100J003	109	3,522	387,42	2816	309,76	371,100	372,2	0,324		371,42	372,2	500	128,58	127,8
SIH-IS-04	2211121P022	110	2312100J003	110	3,522	387,42	2816	309,76	369,700	371,12	0,296		370,00	371,12	500	130,00	128,88
SIH-IS-04	2211121P022	111	2312100J003	111	3,522	387,42	2816	309,76	369,100	370,21	0,297		369,40	370,21	500	130,60	129,79
SIH-IS-04	2211121P022	112	2312100J003	112	3,522	387,42	2816	309,76	371,600	372,84	0,295		371,90	372,84	500	128,10	127,16
SIH-IS-04	2211121P022	113	2312100J003	113	3,522	387,42	2816	309,76	366,000	367,27	0,300		366,30	367,27	500	133,70	132,73
SIH-IS-04	2211121P022	116	2312100J003	116	3,522	387,42	2816	309,76	369,500	370,65	0,320		369,82	370,65	500	130,18	129,35
SIH-IS-04	2211121P022	117	2312100J003	117	3,522	387,42	2816	309,76	368,800	370	0,321		369,12	370	500	130,88	130
SIH-IS-04	2211121P022	118	2312100J003	118	3,522	387,42	2816	309,76	371,000	372,19	0,301		371,30	372,19	500	128,70	127,81
SIH-IS-04	2211121P022	119	2312100J003	119	3,522	387,42	2816	309,76	370,200	371,24	0,306		370,51	371,24	500	129,49	128,76
SIH-IS-04	2211121P022	120	2312100J003	120	3,522	387,42	2816	309,76	370,700	371,98	0,296		371,00	371,98	500	129,00	128,02
SIH-IS-04	2211121P022	128	2312100J003	128	3,522	4,9308			3,73	4,36	0,150		3,88	4,36	50	46,12	45,64
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,37	0,150		3,88	4,37			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,37	0,152		3,88	4,37			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,37	0,197		3,93	4,37			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,38	0,139		3,87	4,38			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,38	0,139		3,87	4,38			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,38	0,140		3,87	4,38			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,38	0,139		3,87	4,38			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,38	0,139		3,87	4,38			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,38	0,138		3,87	4,38			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,39	0,139		3,87	4,39			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,39	0,138		3,87	4,39			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,38	0,138		3,87	4,38			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,39	0,139		3,87	4,39			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,39	0,139		3,87	4,39			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,39	0,137		3,87	4,39			
SIH-IS-04	2211121P022	128	2312100J003	128	3,522				3,73	4,39	0,138		3,87	4,39			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
											0,000						
SIH-IS-05	2211121P023	004	2312100J002	004	3,613	5,0582			3,98	4,59	0,231		4,21	4,59	50	45,79	45,41
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,151		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,149		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,152		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,152		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,152		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,151		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,6	0,151		4,13	4,6			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,6	0,153		4,13	4,6			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,6	0,153		4,13	4,6			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,153		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,6	0,152		4,13	4,6			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,154		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,6	0,154		4,13	4,6			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,154		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,59	0,153		4,13	4,59			
SIH-IS-05	2211121P023	004	2312100J002	004	3,613				3,98	4,6	0,155		4,14	4,6			
SIH-IS-05	2211121P023	009	2312100J002	009	3,613	397,43	2816	309,76	380,800	381,71	0,319		381,12	381,71	500	118,88	118,29
SIH-IS-05	2211121P023	010	2312100J002	010	3,613	397,43	2816	309,76	379,100	380,07	0,323		379,42	380,07	500	120,58	119,93
SIH-IS-05	2211121P023	011	2312100J002	011	3,613	397,43	2816	309,76	378,400	379,19	0,317		378,72	379,19	500	121,28	120,81
SIH-IS-05	2211121P023	012	2312100J002	012	3,613	397,43	2816	309,76	381,200	382,02	0,471		381,67	382,02	500	118,33	117,98
SIH-IS-05	2211121P023	013	2312100J002	013	3,613	397,43	2816	309,76	380,200	380,9	0,324		380,52	380,9	500	119,48	119,1
SIH-IS-05	2211121P023	016	2312100J002	016	3,613	397,43	2816	309,76	377,500	378,91	0,321		377,82	378,91	500	122,18	121,09
SIH-IS-05	2211121P023	017	2312100J002	017	3,613	397,43	2816	309,76	381,700	382,5	0,314		382,01	382,5	500	117,99	117,5
SIH-IS-05	2211121P023	018	2312100J002	018	3,613	397,43	2816	309,76	381,000	381,69	0,327		381,33	381,69	500	118,67	118,31
SIH-IS-05	2211121P023	019	2312100J002	019	3,613	397,43	2816	309,76	379,500	380,36	0,325		379,82	380,36	500	120,18	119,64
SIH-IS-05	2211121P023	020	2312100J002	020	3,613	397,43	2816	309,76	381,100	381,82	0,316		381,42	381,82	500	118,58	118,18
SIH-IS-05	2211121P023	021	2312100J002	021	3,613	397,43	2816	309,76	380,400	381,14	0,321		380,72	381,14	500	119,28	118,86
SIH-IS-05	2211121P023	022	2312100J002	022	3,613	397,43	2816	309,76	380,900	381,71	0,319		381,22	381,71	500	118,78	118,29
SIH-IS-05	2211121P023	023	2312100J002	023	3,613	397,43	2816	309,76	382,000	382,79	0,331		382,33	382,79	500	117,67	117,21
SIH-IS-05	2211121P023	026	2312100J002	026	3,613	397,43	2816	309,76	381,600	382,64	0,323		381,92	382,64	500	118,08	117,36
SIH-IS-05	2211121P023	027	2312100J002	027	3,613	397,43	2816	309,76	377,400	378,31	0,321		377,72	378,31	500	122,28	121,69
SIH-IS-05	2211121P023	028	2312100J002	028	3,613	397,43	2816	309,76	381,500	382,53	0,320		381,82	382,53	500	118,18	117,47
SIH-IS-05	2211121P023	029	2312100J002	029	3,613	397,43	2816	309,76	379,700	380,62	0,324		380,02	380,62	500	119,98	119,38

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-05	2211121P023	030	2312100J002	030	3,613	397,43	2816	309,76	380,900	381,81	0,319		381,22	381,81	500	118,78	118,19
SIH-IS-05	2211121P023	031	2312100J002	031	3,613	397,43	2816	309,76	380,400	381,37	0,323		380,72	381,37	500	119,28	118,63
SIH-IS-05	2211121P023	032	2312100J002	032	3,613	397,43	2816	309,76	381,400	382,33	0,324		381,72	382,33	500	118,28	117,67
SIH-IS-05	2211121P023	033	2312100J002	033	3,613	397,43	2816	309,76	379,900	380,95	0,328		380,23	380,95	500	119,77	119,05
SIH-IS-05	2211121P023	034	2312100J002	034	3,613	397,43	2816	309,76	381,900	382,69	0,323		382,22	382,69	500	117,78	117,31
SIH-IS-05	2211121P023	036	2312100J002	036	3,613	5,0582			3,51	4,17	0,229		3,74	4,17	50	46,26	45,83
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,152		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,152		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,152		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,152		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,152		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,152		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,151		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,150		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,16	0,150		3,66	4,16			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,150		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,151		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,16	0,151		3,66	4,16			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,17	0,153		3,66	4,17			
SIH-IS-05	2211121P023	036	2312100J002	036	3,613				3,51	4,16	0,152		3,66	4,16			
SIH-IS-05	2211121P023	037	2312100J002	037	3,613	397,43	2816	309,76	381,200	381,93	0,319		381,52	381,93	500	118,48	118,07
SIH-IS-05	2211121P023	038	2312100J002	038	3,613	397,43	2816	309,76	382,900	383,85	0,327		383,23	383,85	500	116,77	116,15
SIH-IS-05	2211121P023	039	2312100J002	039	3,613	397,43	2816	309,76	379,100	379,93	0,323		379,42	379,93	500	120,58	120,07
SIH-IS-05	2211121P023	040	2312100J002	040	3,613	397,43	2816	309,76	378,700	379,51	0,313		379,01	379,51	500	120,99	120,49
SIH-IS-05	2211121P023	041	2312100J002	041	3,613	397,43	2816	309,76	382,000	383,01	0,314		382,31	383,01	500	117,69	116,99
SIH-IS-05	2211121P023	042	2312100J002	042	3,613	397,43	2816	309,76	382,100	382,97	0,318		382,42	382,97	500	117,58	117,03
SIH-IS-05	2211121P023	043	2312100J002	043	3,613	397,43	2816	309,76	381,100	381,97	0,323		381,42	381,97	500	118,58	118,03
SIH-IS-05	2211121P023	044	2312100J002	044	3,613	397,43	2816	309,76	378,400	379,45	0,323		378,72	379,45	500	121,28	120,55
SIH-IS-05	2211121P023	045	2312100J002	045	3,613	397,43	2816	309,76	380,000	380,92	0,320		380,32	380,92	500	119,68	119,08
SIH-IS-05	2211121P023	046	2312100J002	046	3,613	397,43	2816	309,76	382,200	382,95	0,339		382,54	382,95	500	117,46	117,05
SIH-IS-05	2211121P023	047	2312100J002	047	3,613	5,0582		0,00	3,88	4,48	0,073		3,95	4,48	50	46,05	45,52
SIH-IS-05	2211121P023	048	2312100J002	048	3,613	397,43	2816	309,76	381,500	382,47	0,319		381,82	382,47	500	118,18	117,53
SIH-IS-05	2211121P023	049	2312100J002	049	3,613	397,43	2816	309,76	381,900	382,56	0,321		382,22	382,56	500	117,78	117,44

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-05	2211121P023	050	2312100J002	050	3,613	397,43	2816	309,76	382,200	383,11	0,315		382,51	383,11	500	117,49	116,89
SIH-IS-05	2211121P023	051	2312100J002	051	3,613	397,43	2816	309,76	380,000	381,09	0,313		380,31	381,09	500	119,69	118,91
SIH-IS-05	2211121P023	052	2312100J002	052	3,613	397,43	2816	309,76	381,300	382,46	0,314		381,61	382,46	500	118,39	117,54
SIH-IS-05	2211121P023	053	2312100J002	053	3,613	397,43	2816	309,76	380,600	381,7	0,319		380,92	381,7	500	119,08	118,3
SIH-IS-05	2211121P023	054	2312100J002	054	3,613	397,43	2816	309,76	382,000	382,84	0,321		382,32	382,84	500	117,68	117,16
SIH-IS-05	2211121P023	055	2312100J002	055	3,613	397,43	2816	309,76	378,200	379,22	0,347		378,55	379,22	500	121,45	120,78
SIH-IS-05	2211121P023	056	2312100J002	056	3,613	397,43	2816	309,76	377,900	379,08	0,321		378,22	379,08	500	121,78	120,92
SIH-IS-05	2211121P023	057	2312100J002	057	3,613	397,43	2816	309,76	378,100	379,49	0,343		378,44	379,49	500	121,56	120,51
SIH-IS-05	2211121P023	058	2312100J002	058	3,613	397,43	2816	309,76	382,100	382,88	0,345		382,44	382,88	500	117,56	117,12
SIH-IS-05	2211121P023	059	2312100J002	059	3,613	397,43	2816	309,76	380,800	381,67	0,318		381,12	381,67	500	118,88	118,33
SIH-IS-05	2211121P023	060	2312100J002	060	3,613	397,43	2816	309,76	381,000	382,09	0,317		381,32	382,09	500	118,68	117,91
SIH-IS-05	2211121P023	061	2312100J002	061	3,613	397,43	2816	309,76	383,100	383,98	0,320		383,42	383,98	500	116,58	116,02
SIH-IS-05	2211121P023	062	2312100J002	062	3,613	397,43	2816	309,76	379,300	380,38	0,322		379,62	380,38	500	120,38	119,62
SIH-IS-05	2211121P023	063	2312100J002	063	3,613	397,43	2816	309,76	380,900	381,78	0,325		381,22	381,78	500	118,78	118,22
SIH-IS-05	2211121P023	066	2312100J002	066	3,613	397,43	2816	309,76	378,300	379,15	0,341		378,64	379,15	500	121,36	120,85
SIH-IS-05	2211121P023	067	2312100J002	067	3,613	397,43	2816	309,76	381,200	382,12	0,349		381,55	382,12	500	118,45	117,88
SIH-IS-05	2211121P023	068	2312100J002	068	3,613	397,43	2816	309,76	377,800	379,13	0,351		378,15	379,13	500	121,85	120,87
SIH-IS-05	2211121P023	069	2312100J002	069	3,613	397,43	2816	309,76	379,800	380,78	0,349		380,15	380,78	500	119,85	119,22
SIH-IS-05	2211121P023	070	2312100J002	070	3,613	397,43	2816	309,76	378,900	379,7	0,341		379,24	379,7	500	120,76	120,3
SIH-IS-05	2211121P023	071	2312100J002	071	3,613	397,43	2816	309,76	381,300	382,1	0,319		381,62	382,1	500	118,38	117,9
SIH-IS-05	2211121P023	072	2312100J002	072	3,613	397,43	2816	309,76	380,800	381,64	0,315		381,11	381,64	500	118,89	118,36
SIH-IS-05	2211121P023	073	2312100J002	073	3,613	397,43	2816	309,76	380,600	381,32	0,318		380,92	381,32	500	119,08	118,68
SIH-IS-05	2211121P023	074	2312100J002	074	3,613	397,43	2816	309,76	381,700	382,22	0,317		382,02	382,22	500	117,98	117,78
SIH-IS-05	2211121P023	075	2312100J002	075	3,613	397,43	2816	309,76	379,300	380,21	0,314		379,61	380,21	500	120,39	119,79
SIH-IS-05	2211121P023	076	2312100J002	076	3,613	397,43	2816	309,76	379,600	380,52	0,343		379,94	380,52	500	120,06	119,48
SIH-IS-05	2211121P023	077	2312100J002	077	3,613	397,43	2816	309,76	380,300	381,16	0,347		380,65	381,16	500	119,35	118,84
SIH-IS-05	2211121P023	078	2312100J002	078	3,613	397,43	2816	309,76	380,800	381,71	0,346		381,15	381,71	500	118,85	118,29
SIH-IS-05	2211121P023	079	2312100J002	079	3,613	397,43	2816	309,76	380,500	381,52	0,345		380,84	381,52	500	119,16	118,48
SIH-IS-05	2211121P023	080	2312100J002	080	3,613	397,43	2816	309,76	378,800	379,76	0,346		379,15	379,76	500	120,85	120,24
SIH-IS-05	2211121P023	081	2312100J002	081	3,613	397,43	2816	309,76	377,900	378,69	0,348		378,25	378,69	500	121,75	121,31
SIH-IS-05	2211121P023	083	2312100J002	083	3,613	397,43	2816	309,76	381,600	382,5	0,321		381,92	382,5	500	118,08	117,5
SIH-IS-05	2211121P023	084	2312100J002	084	3,613	397,43	2816	309,76	379,300	380,43	0,325		379,62	380,43	500	120,38	119,57
SIH-IS-05	2211121P023	085	2312100J002	085	3,613	397,43	2816	309,76	382,400	383,31	0,323		382,72	383,31	500	117,28	116,69
SIH-IS-05	2211121P023	086	2312100J002	086	3,613	397,43	2816	309,76	382,300	383,26	0,318		382,62	383,26	500	117,38	116,74
SIH-IS-05	2211121P023	087	2312100J002	087	3,613	397,43	2816	309,76	381,300	382,2	0,319		381,62	382,2	500	118,38	117,8

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-05	2211121P023	088	2312100J002	088	3,613	397,43	2816	309,76	379,000	380,01	0,345		379,34	380,01	500	120,66	119,99
SIH-IS-05	2211121P023	089	2312100J002	089	3,613	397,43	2816	309,76	378,800	379,6	0,350		379,15	379,6	500	120,85	120,4
SIH-IS-05	2211121P023	090	2312100J002	090	3,613	397,43	2816	309,76	381,400	382,24	0,347		381,75	382,24	500	118,25	117,76
SIH-IS-05	2211121P023	091	2312100J002	091	3,613	397,43	2816	309,76	381,500	382,34	0,347		381,85	382,34	500	118,15	117,66
SIH-IS-05	2211121P023	092	2312100J002	092	3,613	397,43	2816	309,76	381,400	381,98	0,343		381,74	381,98	500	118,26	118,02
SIH-IS-05	2211121P023	095	2312100J002	095	3,613	397,43	2816	309,76	379,400	380,28	0,321		379,72	380,28	500	120,28	119,72
SIH-IS-05	2211121P023	096	2312100J002	096	3,613	397,43	2816	309,76	381,800	382,76	0,317		382,12	382,76	500	117,88	117,24
SIH-IS-05	2211121P023	097	2312100J002	097	3,613	397,43	2816	309,76	380,000	380,9	0,325		380,33	380,9	500	119,67	119,1
SIH-IS-05	2211121P023	098	2312100J002	098	3,613	397,43	2816	309,76	381,600	382,36	0,322		381,92	382,36	500	118,08	117,64
SIH-IS-05	2211121P023	099	2312100J002	099	3,613	397,43	2816	309,76	378,200	379,05	0,347		378,55	379,05	500	121,45	120,95
SIH-IS-05	2211121P023	100	2312100J002	100	3,613	397,43	2816	309,76	378,700	379,39	0,349		379,05	379,39	500	120,95	120,61
SIH-IS-05	2211121P023	101	2312100J002	101	3,613	397,43	2816	309,76	380,200	381,13	0,348		380,55	381,13	500	119,45	118,87
SIH-IS-05	2211121P023	102	2312100J002	102	3,613	397,43	2816	309,76	380,900	381,77	0,351		381,25	381,77	500	118,75	118,23
SIH-IS-05	2211121P023	103	2312100J002	103	3,613	397,43	2816	309,76	379,400	380,47	0,346		379,75	380,47	500	120,25	119,53
SIH-IS-05	2211121P023	106	2312100J002	106	3,613	397,43	2816	309,76	381,300	382,24	0,315		381,62	382,24	500	118,38	117,76
SIH-IS-05	2211121P023	107	2312100J002	107	3,613	397,43	2816	309,76	382,100	382,89	0,316		382,42	382,89	500	117,58	117,11
SIH-IS-05	2211121P023	108	2312100J002	108	3,613	397,43	2816	309,76	379,300	380,18	0,326		379,63	380,18	500	120,37	119,82
SIH-IS-05	2211121P023	109	2312100J002	109	3,613	397,43	2816	309,76	377,800	378,81	0,327		378,13	378,81	500	121,87	121,19
SIH-IS-05	2211121P023	110	2312100J002	110	3,613	397,43	2816	309,76	380,000	380,94	0,347		380,35	380,94	500	119,65	119,06
SIH-IS-05	2211121P023	111	2312100J002	111	3,613	397,43	2816	309,76	380,800	381,6	0,340		381,14	381,6	500	118,86	118,4
SIH-IS-05	2211121P023	112	2312100J002	112	3,613	397,43	2816	309,76	380,200	381,26	0,343		380,54	381,26	500	119,46	118,74
SIH-IS-05	2211121P023	113	2312100J002	113	3,613	397,43	2816	309,76	380,300	381,28	0,345		380,64	381,28	500	119,36	118,72
SIH-IS-05	2211121P023	116	2312100J002	116	3,613	397,43	2816	309,76	380,100	381,19	0,317		380,42	381,19	500	119,58	118,81
SIH-IS-05	2211121P023	117	2312100J002	117	3,613	397,43	2816	309,76	381,400	382,17	0,324		381,72	382,17	500	118,28	117,83
SIH-IS-05	2211121P023	118	2312100J002	118	3,613	397,43	2816	309,76	377,000	377,91	0,351		377,35	377,91	500	122,65	122,09
SIH-IS-05	2211121P023	119	2312100J002	119	3,613	397,43	2816	309,76	376,700	377,36	0,344		377,04	377,36	500	122,96	122,64
SIH-IS-05	2211121P023	120	2312100J002	120	3,613	397,43	2816	309,76	381,200	382,25	0,342		381,54	382,25	500	118,46	117,75
SIH-IS-05	2211121P023	128	2312100J002	128	3,613	5,0582			3,94	4,57	0,250		4,19	4,57	50	45,81	45,43
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,57	0,164		4,11	4,57			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,58	0,162		4,11	4,58			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,58	0,163		4,11	4,58			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,58	0,163		4,11	4,58			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,58	0,164		4,11	4,58			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,58	0,164		4,11	4,58			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,164		4,11	4,59			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,163		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,165		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,163		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,163		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,164		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,163		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,164		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,59	0,164		4,11	4,59			
SIH-IS-05	2211121P023	128	2312100J002	128	3,613				3,94	4,6	0,164		4,11	4,6			
										0,000							
SIH-IS-06	2211121P024	004	2312200J003	004	3,119	4,3666			3,31	3,96	0,143		3,46	3,96	50	46,54	46,04
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,116		3,43	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,109		3,42	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,110		3,42	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,118		3,43	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,123		3,44	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,128		3,44	3,97			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,124		3,44	3,97			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,129		3,44	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,128		3,44	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,123		3,44	3,97			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,96	0,127		3,44	3,96			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,122		3,43	3,97			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,117		3,43	3,97			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,110		3,42	3,97			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,109		3,42	3,97			
SIH-IS-06	2211121P024	004	2312200J003	004	3,119				3,31	3,97	0,116		3,43	3,97			
SIH-IS-06	2211121P024	009	2312200J003	009	3,119	343,09	2816	309,76	321,20	322,55	0,210		321,41	322,55	500	178,59	177,45
SIH-IS-06	2211121P024	010	2312200J003	010	3,119	343,09	2816	309,76	321,70	323,01	0,239		321,94	323,01	500	178,06	176,99
SIH-IS-06	2211121P024	011	2312200J003	011	3,119	343,09	2816	309,76	322,50	323,63	0,235		322,74	323,63	500	177,26	176,37
SIH-IS-06	2211121P024	012	2312200J003	012	3,119	343,09	2816	309,76	321,40	322,56	0,200		321,60	322,56	500	178,40	177,44
SIH-IS-06	2211121P024	013	2312200J003	013	3,119	343,09	2816	309,76	322,10	323,19	0,202		322,30	323,19	500	177,70	176,81
SIH-IS-06	2211121P024	016	2312200J003	016	3,119	343,09	2816	309,76	320,10	321,37	0,204		320,30	321,37	500	179,70	178,63
SIH-IS-06	2211121P024	017	2312200J003	017	3,119	343,09	2816	309,76	320,90	322,01	0,237		321,14	322,01	500	178,86	177,99
SIH-IS-06	2211121P024	018	2312200J003	018	3,119	343,09	2816	309,76	317,40	318,57	0,200		317,60	318,57	500	182,40	181,43

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-06	2211121P024	019	2312200J003	019	3,119	343,09	2816	309,76	321,50	322,68	0,201		321,70	322,68	500	178,30	177,32
SIH-IS-06	2211121P024	020	2312200J003	020	3,119	343,09	2816	309,76	319,70	320,76	0,231		319,93	320,76	500	180,07	179,24
SIH-IS-06	2211121P024	021	2312200J003	021	3,119	343,09	2816	309,76	318,80	319,71	0,237		319,04	319,71	500	180,96	180,29
SIH-IS-06	2211121P024	022	2312200J003	022	3,119	343,09	2816	309,76	319,00	320,2	0,238		319,24	320,2	500	180,76	179,8
SIH-IS-06	2211121P024	023	2312200J003	023	3,119	343,09	2816	309,76	318,50	319,96	0,200		318,70	319,96	500	181,30	180,04
SIH-IS-06	2211121P024	026	2312200J003	026	3,119	343,09	2816	309,76	316,80	317,85	0,208		317,01	317,85	500	182,99	182,15
SIH-IS-06	2211121P024	027	2312200J003	027	3,119	343,09	2816	309,76	319,20	320,11	0,200		319,40	320,11	500	180,60	179,89
SIH-IS-06	2211121P024	028	2312200J003	028	3,119	343,09	2816	309,76	318,00	318,99	0,201		318,20	318,99	500	181,80	181,01
SIH-IS-06	2211121P024	029	2312200J003	029	3,119	343,09	2816	309,76	320,90	321,84	0,206		321,11	321,84	500	178,89	178,16
SIH-IS-06	2211121P024	030	2312200J003	030	3,119	343,09	2816	309,76	321,90	323,18	0,238		322,14	323,18	500	177,86	176,82
SIH-IS-06	2211121P024	031	2312200J003	031	3,119	343,09	2816	309,76	321,00	322,03	0,206		321,21	322,03	500	178,79	177,97
SIH-IS-06	2211121P024	032	2312200J003	032	3,119	343,09	2816	309,76	318,20	319,29	0,207		318,41	319,29	500	181,59	180,71
SIH-IS-06	2211121P024	033	2312200J003	033	3,119	343,09	2816	309,76	322,20	323,38	0,203		322,40	323,38	500	177,60	176,62
SIH-IS-06	2211121P024	034	2312200J003	034	3,119	343,09	2816	309,76	319,70	320,81	0,237		319,94	320,81	500	180,06	179,19
SIH-IS-06	2211121P024	036	2312200J003	036	3,119	4,3666			2,77	3,35	0,170		2,94	3,35	50	47,06	46,65
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,35	0,110		2,88	3,35			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,35	0,116		2,89	3,35			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,123		2,89	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,129		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,117		2,89	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,35	0,122		2,89	3,35			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,126		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,35	0,127		2,90	3,35			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,130		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,129		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,128		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,130		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,128		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,129		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,129		2,90	3,34			
SIH-IS-06	2211121P024	036	2312200J003	036	3,119				2,77	3,34	0,130		2,90	3,34			
SIH-IS-06	2211121P024	037	2312200J003	037	3,119	343,09	2816	309,76	315,70	316,71	0,235		315,93	316,71	500	184,07	183,29
SIH-IS-06	2211121P024	038	2312200J003	038	3,119	343,09	2816	309,76	318,30	319,25	0,206		318,51	319,25	500	181,49	180,75
SIH-IS-06	2211121P024	039	2312200J003	039	3,119	343,09	2816	309,76	315,70	316,42	0,206		315,91	316,42	500	184,09	183,58
SIH-IS-06	2211121P024	040	2312200J003	040	3,119	343,09	2816	309,76	316,30	317,31	0,233		316,53	317,31	500	183,47	182,69

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-06	2211121P024	041	2312200J003	041	3,119	343,09	2816	309,76	322,40	323,64	0,233		322,63	323,64	500	177,37	176,36
SIH-IS-06	2211121P024	042	2312200J003	042	3,119	343,09	2816	309,76	320,20	321,25	0,236		320,44	321,25	500	179,56	178,75
SIH-IS-06	2211121P024	043	2312200J003	043	3,119	343,09	2816	309,76	320,00	321,08	0,236		320,24	321,08	500	179,76	178,92
SIH-IS-06	2211121P024	044	2312200J003	044	3,119	343,09	2816	309,76	317,90	319,06	0,237		318,14	319,06	500	181,86	180,94
SIH-IS-06	2211121P024	045	2312200J003	045	3,119	343,09	2816	309,76	321,60	322,69	0,234		321,83	322,69	500	178,17	177,31
SIH-IS-06	2211121P024	046	2312200J003	046	3,119	343,09	2816	309,76	317,20	318,28	0,211		317,41	318,28	500	182,59	181,72
SIH-IS-06	2211121P024	047	2312200J003	047	3,119	4,3666		0,00	3,38	3,97	0,020		3,40	3,97	50	46,60	46,03
SIH-IS-06	2211121P024	048	2312200J003	048	3,119	343,09	2816	309,76	322,10	323,24	0,237		322,34	323,24	500	177,66	176,76
SIH-IS-06	2211121P024	049	2312200J003	049	3,119	343,09	2816	309,76	319,10	320,1	0,238		319,34	320,1	500	180,66	179,9
SIH-IS-06	2211121P024	050	2312200J003	050	3,119	343,09	2816	309,76	317,10	318,04	0,235		317,34	318,04	500	182,66	181,96
SIH-IS-06	2211121P024	051	2312200J003	051	3,119	343,09	2816	309,76	317,70	318,61	0,233		317,93	318,61	500	182,07	181,39
SIH-IS-06	2211121P024	052	2312200J003	052	3,119	343,09	2816	309,76	321,70	323,04	0,237		321,94	323,04	500	178,06	176,96
SIH-IS-06	2211121P024	053	2312200J003	053	3,119	343,09	2816	309,76	323,00	324,01	0,210		323,21	324,01	500	176,79	175,99
SIH-IS-06	2211121P024	054	2312200J003	054	3,119	343,09	2816	309,76	319,70	320,83	0,239		319,94	320,83	500	180,06	179,17
SIH-IS-06	2211121P024	055	2312200J003	055	3,119	343,09	2816	309,76	320,20	321,36	0,216		320,42	321,36	500	179,58	178,64
SIH-IS-06	2211121P024	056	2312200J003	056	3,119	343,09	2816	309,76	318,50	319,59	0,237		318,74	319,59	500	181,26	180,41
SIH-IS-06	2211121P024	057	2312200J003	057	3,119	343,09	2816	309,76	320,00	321,24	0,211		320,21	321,24	500	179,79	178,76
SIH-IS-06	2211121P024	058	2312200J003	058	3,119	343,09	2816	309,76	317,70	318,85	0,216		317,92	318,85	500	182,08	181,15
SIH-IS-06	2211121P024	059	2312200J003	059	3,119	343,09	2816	309,76	318,00	319,3	0,238		318,24	319,3	500	181,76	180,7
SIH-IS-06	2211121P024	060	2312200J003	060	3,119	343,09	2816	309,76	321,80	322,99	0,236		322,04	322,99	500	177,96	177,01
SIH-IS-06	2211121P024	061	2312200J003	061	3,119	343,09	2816	309,76	317,10	318,14	0,237		317,34	318,14	500	182,66	181,86
SIH-IS-06	2211121P024	062	2312200J003	062	3,119	343,09	2816	309,76	318,20	319,16	0,214		318,41	319,16	500	181,59	180,84
SIH-IS-06	2211121P024	063	2312200J003	063	3,119	343,09	2816	309,76	319,50	320,57	0,207		319,71	320,57	500	180,29	179,43
SIH-IS-06	2211121P024	066	2312200J003	066	3,119	343,09	2816	309,76	319,70	320,71	0,210		319,91	320,71	500	180,09	179,29
SIH-IS-06	2211121P024	067	2312200J003	067	3,119	343,09	2816	309,76	318,70	319,74	0,216		318,92	319,74	500	181,08	180,26
SIH-IS-06	2211121P024	068	2312200J003	068	3,119	343,09	2816	309,76	321,50	322,57	0,218		321,72	322,57	500	178,28	177,43
SIH-IS-06	2211121P024	069	2312200J003	069	3,119	343,09	2816	309,76	318,10	319,08	0,217		318,32	319,08	500	181,68	180,92
SIH-IS-06	2211121P024	070	2312200J003	070	3,119	343,09	2816	309,76	321,50	322,43	0,212		321,71	322,43	500	178,29	177,57
SIH-IS-06	2211121P024	071	2312200J003	071	3,119	343,09	2816	309,76	317,30	318,35	0,239		317,54	318,35	500	182,46	181,65
SIH-IS-06	2211121P024	072	2312200J003	072	3,119	343,09	2816	309,76	320,60	321,61	0,207		320,81	321,61	500	179,19	178,39
SIH-IS-06	2211121P024	073	2312200J003	073	3,119	343,09	2816	309,76	323,00	323,69	0,237		323,24	323,69	500	176,76	176,31
SIH-IS-06	2211121P024	074	2312200J003	074	3,119	343,09	2816	309,76	322,70	323,48	0,236		322,94	323,48	500	177,06	176,52
SIH-IS-06	2211121P024	075	2312200J003	075	3,119	343,09	2816	309,76	320,20	321,04	0,233		320,43	321,04	500	179,57	178,96
SIH-IS-06	2211121P024	076	2312200J003	076	3,119	343,09	2816	309,76	320,10	321,14	0,211		320,31	321,14	500	179,69	178,86
SIH-IS-06	2211121P024	077	2312200J003	077	3,119	343,09	2816	309,76	319,90	320,79	0,213		320,11	320,79	500	179,89	179,21

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-06	2211121P024	078	2312200J003	078	3,119	343,09	2816	309,76	319,40	320,53	0,214		319,61	320,53	500	180,39	179,47
SIH-IS-06	2211121P024	079	2312200J003	079	3,119	343,09	2816	309,76	315,40	316,51	0,213		315,61	316,51	500	184,39	183,49
SIH-IS-06	2211121P024	080	2312200J003	080	3,119	343,09	2816	309,76	318,40	319,5	0,215		318,61	319,5	500	181,39	180,5
SIH-IS-06	2211121P024	081	2312200J003	081	3,119	343,09	2816	309,76	320,80	322,24	0,217		321,02	322,24	500	178,98	177,76
SIH-IS-06	2211121P024	083	2312200J003	083	3,119	343,09	2816	309,76	320,00	321,04	0,202		320,20	321,04	500	179,80	178,96
SIH-IS-06	2211121P024	084	2312200J003	084	3,119	343,09	2816	309,76	317,30	318,36	0,206		317,51	318,36	500	182,49	181,64
SIH-IS-06	2211121P024	085	2312200J003	085	3,119	343,09	2816	309,76	320,40	321,35	0,209		320,61	321,35	500	179,39	178,65
SIH-IS-06	2211121P024	086	2312200J003	086	3,119	343,09	2816	309,76	319,50	320,36	0,205		319,71	320,36	500	180,30	179,64
SIH-IS-06	2211121P024	087	2312200J003	087	3,119	343,09	2816	309,76	319,20	319,94	0,210		319,41	319,94	500	180,59	180,06
SIH-IS-06	2211121P024	088	2312200J003	088	3,119	343,09	2816	309,76	318,00	318,97	0,213		318,21	318,97	500	181,79	181,03
SIH-IS-06	2211121P024	089	2312200J003	089	3,119	343,09	2816	309,76	317,80	318,57	0,215		318,02	318,57	500	181,98	181,43
SIH-IS-06	2211121P024	090	2312200J003	090	3,119	343,09	2816	309,76	315,10	315,94	0,211		315,31	315,94	500	184,69	184,06
SIH-IS-06	2211121P024	091	2312200J003	091	3,119	343,09	2816	309,76	321,20	322,22	0,215		321,42	322,22	500	178,58	177,78
SIH-IS-06	2211121P024	092	2312200J003	092	3,119	343,09	2816	309,76	320,90	321,78	0,212		321,11	321,78	500	178,89	178,22
SIH-IS-06	2211121P024	095	2312200J003	095	3,119	343,09	2816	309,76	317,10	317,92	0,238		317,34	317,92	500	182,66	182,08
SIH-IS-06	2211121P024	096	2312200J003	096	3,119	343,09	2816	309,76	320,20	321,24	0,236		320,44	321,24	500	179,56	178,76
SIH-IS-06	2211121P024	097	2312200J003	097	3,119	343,09	2816	309,76	316,80	317,8	0,205		317,01	317,8	500	183,00	182,2
SIH-IS-06	2211121P024	098	2312200J003	098	3,119	343,09	2816	309,76	316,40	317,16	0,204		316,60	317,16	500	183,40	182,84
SIH-IS-06	2211121P024	099	2312200J003	099	3,119	343,09	2816	309,76	317,20	318,1	0,214		317,41	318,1	500	182,59	181,9
SIH-IS-06	2211121P024	100	2312200J003	100	3,119	343,09	2816	309,76	317,70	318,35	0,211		317,91	318,35	500	182,09	181,65
SIH-IS-06	2211121P024	101	2312200J003	101	3,119	343,09	2816	309,76	320,60	321,68	0,214		320,81	321,68	500	179,19	178,32
SIH-IS-06	2211121P024	102	2312200J003	102	3,119	343,09	2816	309,76	320,20	320,99	0,213		320,41	320,99	500	179,59	179,01
SIH-IS-06	2211121P024	103	2312200J003	103	3,119	343,09	2816	309,76	316,20	317,09	0,212		316,41	317,09	500	183,59	182,91
SIH-IS-06	2211121P024	106	2312200J003	106	3,119	343,09	2816	309,76	314,60	315,51	0,237		314,84	315,51	500	185,16	184,49
SIH-IS-06	2211121P024	107	2312200J003	107	3,119	343,09	2816	309,76	315,50	316,25	0,239		315,74	316,25	500	184,26	183,75
SIH-IS-06	2211121P024	108	2312200J003	108	3,119	343,09	2816	309,76	320,60	321,55	0,203		320,80	321,55	500	179,20	178,45
SIH-IS-06	2211121P024	109	2312200J003	109	3,119	343,09	2816	309,76	320,00	320,86	0,205		320,21	320,86	500	179,80	179,14
SIH-IS-06	2211121P024	110	2312200J003	110	3,119	343,09	2816	309,76	320,40	321,48	0,213		320,61	321,48	500	179,39	178,52
SIH-IS-06	2211121P024	111	2312200J003	111	3,119	343,09	2816	309,76	320,80	321,74	0,206		321,01	321,74	500	178,99	178,26
SIH-IS-06	2211121P024	112	2312200J003	112	3,119	343,09	2816	309,76	318,20	319,39	0,210		318,41	319,39	500	181,59	180,61
SIH-IS-06	2211121P024	113	2312200J003	113	3,119	343,09	2816	309,76	317,10	317,98	0,210		317,31	317,98	500	182,69	182,02
SIH-IS-06	2211121P024	116	2312200J003	116	3,119	343,09	2816	309,76	320,00	321,01	0,237		320,24	321,01	500	179,76	178,99
SIH-IS-06	2211121P024	117	2312200J003	117	3,119	343,09	2816	309,76	320,60	321,47	0,207		320,81	321,47	500	179,19	178,53
SIH-IS-06	2211121P024	118	2312200J003	118	3,119	343,09	2816	309,76	319,40	320,31	0,215		319,62	320,31	500	180,38	179,69
SIH-IS-06	2211121P024	119	2312200J003	119	3,119	343,09	2816	309,76	319,00	319,63	0,208		319,21	319,63	500	180,79	180,37

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-06	2211121P024	120	2312200J003	120	3,119	343,09	2816	309,76	318,90	319,85	0,208		319,11	319,85	500	180,89	180,15
SIH-IS-06	2211121P024	128	2312200J003	128	3,119	4,3666			3,35	3,97	0,156		3,50	3,97	50	46,50	46,03
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,97	0,130		3,48	3,97			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,98	0,131		3,48	3,98			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,98	0,105		3,45	3,98			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,98	0,106		3,45	3,98			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,98	0,110		3,46	3,98			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,112		3,46	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,116		3,46	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,116		3,46	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,121		3,47	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,120		3,47	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,124		3,47	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,124		3,47	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	4	0,125		3,47	4			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	3,99	0,126		3,47	3,99			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	4	0,127		3,47	4			
SIH-IS-06	2211121P024	128	2312200J003	128	3,119				3,35	4	0,127		3,47	4			
											0,000						
SIH-IS-07	2211121P025	004	2312200J004	004	2,698	3,7772	2,365	3,31	2,89	3,53	0,134		3,03	3,53	50	46,97	46,47
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,53	0,106		3,00	3,53			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,53	0,105		3,00	3,53			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,105		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,53	0,106		3,00	3,53			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,53	0,105		3,00	3,53			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,103		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,103		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-07	2211121P025	004	2312200J004	004	2,698		2,365		2,89	3,54	0,104		3,00	3,54			
SIH-IS-07	2211121P025	009	2312200J004	009	2,698	296,78	2,365	260,15	273,40	274,64	0,187		273,59	274,64	500	226,41	225,36
SIH-IS-07	2211121P025	010	2312200J004	010	2,698	296,78	2,365	260,15	274,00	276,26	0,184		274,18	276,26	500	225,82	223,74
SIH-IS-07	2211121P025	011	2312200J004	011	2,698	296,78	2,365	260,15	277,40	277,41	0,214		277,61	277,41	500	222,39	222,59
SIH-IS-07	2211121P025	012	2312200J004	012	2,698	296,78	2,365	260,15	271,00	273,59	0,183		271,18	273,59	500	228,82	226,41
SIH-IS-07	2211121P025	013	2312200J004	013	2,698	296,78	2,365	260,15	271,10	272,57	0,183		271,28	272,57	500	228,72	227,43
SIH-IS-07	2211121P025	016	2312200J004	016	2,698	296,78	2,365	260,15	278,20	279,08	0,186		278,39	279,08	500	221,61	220,92
SIH-IS-07	2211121P025	017	2312200J004	017	2,698	296,78	2,365	260,15	274,60	275,32	0,217		274,82	275,32	500	225,18	224,68
SIH-IS-07	2211121P025	018	2312200J004	018	2,698	296,78	2,365	260,15	274,10	274,67	0,185		274,29	274,67	500	225,71	225,33
SIH-IS-07	2211121P025	019	2312200J004	019	2,698	296,78	2,365	260,15	275,30	277,38	0,187		275,49	277,38	500	224,51	222,62
SIH-IS-07	2211121P025	020	2312200J004	020	2,698	296,78	2,365	260,15	277,60	278,22	0,213		277,81	278,22	500	222,19	221,78
SIH-IS-07	2211121P025	021	2312200J004	021	2,698	296,78	2,365	260,15	279,00	280,66	0,184		279,18	280,66	500	220,82	219,34
SIH-IS-07	2211121P025	022	2312200J004	022	2,698	296,78	2,365	260,15	272,50	273,52	0,214		272,71	273,52	500	227,29	226,48
SIH-IS-07	2211121P025	023	2312200J004	023	2,698	296,78	2,365	260,15	275,70	277,29	0,184		275,88	277,29	500	224,12	222,71
SIH-IS-07	2211121P025	026	2312200J004	026	2,698	296,78	2,365	260,15	275,40	277,27	0,215		275,61	277,27	500	224,39	222,73
SIH-IS-07	2211121P025	027	2312200J004	027	2,698	296,78	2,365	260,15	275,40	277,33	0,187		275,59	277,33	500	224,41	222,67
SIH-IS-07	2211121P025	028	2312200J004	028	2,698	296,78	2,365	260,15	275,10	275,69	0,186		275,29	275,69	500	224,71	224,31
SIH-IS-07	2211121P025	029	2312200J004	029	2,698	296,78	2,365	260,15	276,50	276,98	0,187		276,69	276,98	500	223,31	223,02
SIH-IS-07	2211121P025	030	2312200J004	030	2,698	296,78	2,365	260,15	276,10	277,29	0,217		276,32	277,29	500	223,68	222,71
SIH-IS-07	2211121P025	031	2312200J004	031	2,698	296,78	2,365	260,15	276,50	277,6	0,184		276,68	277,6	500	223,32	222,4
SIH-IS-07	2211121P025	032	2312200J004	032	2,698	296,78	2,365	260,15	272,60	274,35	0,184		272,78	274,35	500	227,22	225,65
SIH-IS-07	2211121P025	033	2312200J004	033	2,698	296,78	2,365	260,15	277,00	278,03	0,184		277,18	278,03	500	222,82	221,97
SIH-IS-07	2211121P025	034	2312200J004	034	2,698	296,78	2,365	260,15	273,80	275,92	0,215		274,02	275,92	500	225,98	224,08
SIH-IS-07	2211121P025	036	2312200J004	036	2,698	3,7772	2,365	3,31	2,96	3,52	0,134		3,09	3,52	50	46,91	46,48
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,102		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,103		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,103		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,103		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,101		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,102		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,101		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,101		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,103		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,104		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,103		3,06	3,52			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,104		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,102		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,103		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,102		3,06	3,52			
SIH-IS-07	2211121P025	036	2312200J004	036	2,698		2,365		2,96	3,52	0,102		3,06	3,52			
SIH-IS-07	2211121P025	037	2312200J004	037	2,698	296,78	2,365	260,15	274,50	275,43	0,210		274,71	275,43	500	225,29	224,57
SIH-IS-07	2211121P025	038	2312200J004	038	2,698	296,78	2,365	260,15	274,20	276,08	0,180		274,38	276,08	500	225,62	223,92
SIH-IS-07	2211121P025	039	2312200J004	039	2,698	296,78	2,365	260,15	276,80	277,61	0,185		276,99	277,61	500	223,01	222,39
SIH-IS-07	2211121P025	040	2312200J004	040	2,698	296,78	2,365	260,15	274,70	276,26	0,213		274,91	276,26	500	225,09	223,74
SIH-IS-07	2211121P025	041	2312200J004	041	2,698	296,78	2,365	260,15	275,30	276,33	0,213		275,51	276,33	500	224,49	223,67
SIH-IS-07	2211121P025	042	2312200J004	042	2,698	296,78	2,365	260,15	272,10	273,77	0,216		272,32	273,77	500	227,68	226,23
SIH-IS-07	2211121P025	043	2312200J004	043	2,698	296,78	2,365	260,15	278,50	279,16	0,185		278,69	279,16	500	221,31	220,84
SIH-IS-07	2211121P025	044	2312200J004	044	2,698	296,78	2,365	260,15	277,50	279,14	0,215		277,72	279,14	500	222,28	220,86
SIH-IS-07	2211121P025	045	2312200J004	045	2,698	296,78	2,365	260,15	277,90	278,88	0,213		278,11	278,88	500	221,89	221,12
SIH-IS-07	2211121P025	046	2312200J004	046	2,698	296,78	2,365	260,15	275,10	276,98	0,237		275,34	276,98	500	224,66	223,02
SIH-IS-07	2211121P025	047	2312200J004	047	2,698	3,7772	2,365	3,31	2,94	3,55	0,072		3,01	3,55	50	46,99	46,45
SIH-IS-07	2211121P025	048	2312200J004	048	2,698	296,78	2,365	260,15	274,00	275,79	0,212		274,21	275,79	500	225,79	224,21
SIH-IS-07	2211121P025	049	2312200J004	049	2,698	296,78	2,365	260,15	273,40	275,15	0,211		273,61	275,15	500	226,39	224,85
SIH-IS-07	2211121P025	050	2312200J004	050	2,698	296,78	2,365	260,15	275,20	276,51	0,211		275,41	276,51	500	224,59	223,49
SIH-IS-07	2211121P025	051	2312200J004	051	2,698	296,78	2,365	260,15	277,80	278,72	0,207		278,01	278,72	500	221,99	221,28
SIH-IS-07	2211121P025	052	2312200J004	052	2,698	296,78	2,365	260,15	276,70	277,23	0,213		276,91	277,23	500	223,09	222,77
SIH-IS-07	2211121P025	053	2312200J004	053	2,698	296,78	2,365	260,15	274,20	276,03	0,217		274,42	276,03	500	225,58	223,97
SIH-IS-07	2211121P025	054	2312200J004	054	2,698	296,78	2,365	260,15	270,90	272,71	0,217		271,12	272,71	500	228,88	227,29
SIH-IS-07	2211121P025	055	2312200J004	055	2,698	296,78	2,365	260,15	272,70	274	0,207		272,91	274	500	227,09	226
SIH-IS-07	2211121P025	056	2312200J004	056	2,698	296,78	2,365	260,15	275,20	277,45	0,212		275,41	277,45	500	224,59	222,55
SIH-IS-07	2211121P025	057	2312200J004	057	2,698	296,78	2,365	260,15	276,10	276,88	0,209		276,31	276,88	500	223,69	223,12
SIH-IS-07	2211121P025	058	2312200J004	058	2,698	296,78	2,365	260,15	273,80	275,68	0,209		274,01	275,68	500	225,99	224,32
SIH-IS-07	2211121P025	059	2312200J004	059	2,698	296,78	2,365	260,15	276,70	277,61	0,212		276,91	277,61	500	223,09	222,39
SIH-IS-07	2211121P025	060	2312200J004	060	2,698	296,78	2,365	260,15	275,30	277,49	0,209		275,51	277,49	500	224,49	222,51
SIH-IS-07	2211121P025	061	2312200J004	061	2,698	296,78	2,365	260,15	273,10	274,83	0,183		273,28	274,83	500	226,72	225,17
SIH-IS-07	2211121P025	062	2312200J004	062	2,698	296,78	2,365	260,15	276,00	276,83	0,181		276,18	276,83	500	223,82	223,17
SIH-IS-07	2211121P025	063	2312200J004	063	2,698	296,78	2,365	260,15	276,50	278,23	0,183		276,68	278,23	500	223,32	221,77
SIH-IS-07	2211121P025	066	2312200J004	066	2,698	296,78	2,365	260,15	273,40	275,31	0,236		273,64	275,31	500	226,36	224,69
SIH-IS-07	2211121P025	067	2312200J004	067	2,698	296,78	2,365	260,15	275,40	277,23	0,207		275,61	277,23	500	224,39	222,77
SIH-IS-07	2211121P025	068	2312200J004	068	2,698	296,78	2,365	260,15	273,80	274,94	0,209		274,01	274,94	500	225,99	225,06

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-07	2211121P025	069	2312200J004	069	2,698	296,78	2,365	260,15	272,70	273,57	0,208		272,91	273,57	500	227,09	226,43
SIH-IS-07	2211121P025	070	2312200J004	070	2,698	296,78	2,365	260,15	271,80	273,49	0,235		272,04	273,49	500	227,96	226,51
SIH-IS-07	2211121P025	071	2312200J004	071	2,698	296,78	2,365	260,15	275,00	275,71	0,214		275,21	275,71	500	224,79	224,29
SIH-IS-07	2211121P025	072	2312200J004	072	2,698	296,78	2,365	260,15	275,10	276,79	0,210		275,31	276,79	500	224,69	223,21
SIH-IS-07	2211121P025	073	2312200J004	073	2,698	296,78	2,365	260,15	277,80	278,2	0,182		277,98	278,2	500	222,02	221,8
SIH-IS-07	2211121P025	074	2312200J004	074	2,698	296,78	2,365	260,15	275,40	276,78	0,213		275,61	276,78	500	224,39	223,22
SIH-IS-07	2211121P025	075	2312200J004	075	2,698	296,78	2,365	260,15	278,70	279,46	0,212		278,91	279,46	500	221,09	220,54
SIH-IS-07	2211121P025	076	2312200J004	076	2,698	296,78	2,365	260,15	273,20	274,97	0,235		273,43	274,97	500	226,57	225,03
SIH-IS-07	2211121P025	077	2312200J004	077	2,698	296,78	2,365	260,15	275,80	276,28	0,207		276,01	276,28	500	223,99	223,72
SIH-IS-07	2211121P025	078	2312200J004	078	2,698	296,78	2,365	260,15	276,40	278,2	0,207		276,61	278,2	500	223,39	221,8
SIH-IS-07	2211121P025	079	2312200J004	079	2,698	296,78	2,365	260,15	274,70	276,46	0,237		274,94	276,46	500	225,06	223,54
SIH-IS-07	2211121P025	080	2312200J004	080	2,698	296,78	2,365	260,15	273,40	275,29	0,207		273,61	275,29	500	226,39	224,71
SIH-IS-07	2211121P025	081	2312200J004	081	2,698	296,78	2,365	260,15	279,30	280,39	0,207		279,51	280,39	500	220,49	219,61
SIH-IS-07	2211121P025	083	2312200J004	083	2,698	296,78	2,365	260,15	276,90	277,94	0,179		277,08	277,94	500	222,92	222,06
SIH-IS-07	2211121P025	084	2312200J004	084	2,698	296,78	2,365	260,15	277,90	279,07	0,179		278,08	279,07	500	221,92	220,93
SIH-IS-07	2211121P025	085	2312200J004	085	2,698	296,78	2,365	260,15	274,70	277,1	0,212		274,91	277,1	500	225,09	222,9
SIH-IS-07	2211121P025	086	2312200J004	086	2,698	296,78	2,365	260,15	274,80	276,39	0,210		275,01	276,39	500	224,99	223,61
SIH-IS-07	2211121P025	087	2312200J004	087	2,698	296,78	2,365	260,15	277,10	277,61	0,210		277,31	277,61	500	222,69	222,39
SIH-IS-07	2211121P025	088	2312200J004	088	2,698	296,78	2,365	260,15	275,00	276,83	0,235		275,24	276,83	500	224,76	223,17
SIH-IS-07	2211121P025	089	2312200J004	089	2,698	296,78	2,365	260,15	277,30	278,1	0,202		277,50	278,1	500	222,50	221,9
SIH-IS-07	2211121P025	090	2312200J004	090	2,698	296,78	2,365	260,15	273,40	275,13	0,238		273,64	275,13	500	226,36	224,87
SIH-IS-07	2211121P025	091	2312200J004	091	2,698	296,78	2,365	260,15	273,10	273,98	0,238		273,34	273,98	500	226,66	226,02
SIH-IS-07	2211121P025	092	2312200J004	092	2,698	296,78	2,365	260,15	271,20	272,81	0,234		271,43	272,81	500	228,57	227,19
SIH-IS-07	2211121P025	095	2312200J004	095	2,698	296,78	2,365	260,15	275,30	277,34	0,213		275,51	277,34	500	224,49	222,66
SIH-IS-07	2211121P025	096	2312200J004	096	2,698	296,78	2,365	260,15	274,30	275,03	0,208		274,51	275,03	500	225,49	224,97
SIH-IS-07	2211121P025	097	2312200J004	097	2,698	296,78	2,365	260,15	276,40	278,13	0,182		276,58	278,13	500	223,42	221,87
SIH-IS-07	2211121P025	098	2312200J004	098	2,698	296,78	2,365	260,15	276,30	276,93	0,183		276,48	276,93	500	223,52	223,07
SIH-IS-07	2211121P025	099	2312200J004	099	2,698	296,78	2,365	260,15	276,90	278,67	0,235		277,14	278,67	500	222,86	221,33
SIH-IS-07	2211121P025	100	2312200J004	100	2,698	296,78	2,365	260,15	275,60	277,31	0,236		275,84	277,31	500	224,16	222,69
SIH-IS-07	2211121P025	101	2312200J004	101	2,698	296,78	2,365	260,15	274,00	275,57	0,236		274,24	275,57	500	225,76	224,43
SIH-IS-07	2211121P025	102	2312200J004	102	2,698	296,78	2,365	260,15	275,90	276,73	0,238		276,14	276,73	500	223,86	223,27
SIH-IS-07	2211121P025	103	2312200J004	103	2,698	296,78	2,365	260,15	272,50	273,5	0,238		272,74	273,5	500	227,26	226,5
SIH-IS-07	2211121P025	106	2312200J004	106	2,698	296,78	2,365	260,15	273,50	275,18	0,206		273,71	275,18	500	226,29	224,82
SIH-IS-07	2211121P025	107	2312200J004	107	2,698	296,78	2,365	260,15	273,10	273,69	0,207		273,31	273,69	500	226,69	226,31
SIH-IS-07	2211121P025	108	2312200J004	108	2,698	296,78	2,365	260,15	275,80	276,44	0,182		275,98	276,44	500	224,02	223,56

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-07	2211121P025	109	2312200J004	109	2,698	296,78	2,365	260,15	276,20	277,78	0,182		276,38	277,78	500	223,62	222,22
SIH-IS-07	2211121P025	110	2312200J004	110	2,698	296,78	2,365	260,15	277,00	277,99	0,238		277,24	277,99	500	222,76	222,01
SIH-IS-07	2211121P025	111	2312200J004	111	2,698	296,78	2,365	260,15	275,30	276,7	0,232		275,53	276,7	500	224,47	223,3
SIH-IS-07	2211121P025	112	2312200J004	112	2,698	296,78	2,365	260,15	276,30	276,8	0,233		276,53	276,8	500	223,47	223,2
SIH-IS-07	2211121P025	113	2312200J004	113	2,698	296,78	2,365	260,15	273,30	274,85	0,237		273,54	274,85	500	226,46	225,15
SIH-IS-07	2211121P025	116	2312200J004	116	2,698	296,78	2,365	260,15	274,00	275,67	0,208		274,21	275,67	500	225,79	224,33
SIH-IS-07	2211121P025	117	2312200J004	117	2,698	296,78	2,365	260,15	276,00	277,2	0,181		276,18	277,2	500	223,82	222,8
SIH-IS-07	2211121P025	118	2312200J004	118	2,698	296,78	2,365	260,15	277,10	277,86	0,204		277,30	277,86	500	222,70	222,14
SIH-IS-07	2211121P025	119	2312200J004	119	2,698	296,78	2,365	260,15	274,60	276,25	0,234		274,83	276,25	500	225,17	223,75
SIH-IS-07	2211121P025	120	2312200J004	120	2,698	296,78	2,365	260,15	278,10	278,9	0,233		278,33	278,9	500	221,67	221,1
SIH-IS-07	2211121P025	128	2312200J004	128	2,698	3,7772	2,365	3,31	2,87	3,5	0,148		3,01	3,5	50	46,99	46,5
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,5	0,114		2,98	3,5			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,5	0,114		2,98	3,5			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,5	0,115		2,98	3,5			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,5	0,115		2,98	3,5			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,51	0,114		2,98	3,51			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,51	0,112		2,98	3,51			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,51	0,112		2,98	3,51			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,51	0,113		2,98	3,51			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,52	0,112		2,98	3,52			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,52	0,112		2,98	3,52			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,51	0,112		2,98	3,51			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,52	0,112		2,98	3,52			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,52	0,112		2,98	3,52			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,51	0,114		2,98	3,51			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,52	0,114		2,98	3,52			
SIH-IS-07	2211121P025	128	2312200J004	128	2,698				2,87	3,52	0,115		2,98	3,52			
											0,000						
SIH-IS-08	2211121P027	004	2312200J001	004	2,228	3,1192	1,905	2,67	2,43	3,05	0,176		2,61	3,05	50	47,39	46,95
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,05	0,123		2,55	3,05			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,05	0,122		2,55	3,05			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,05	0,123		2,55	3,05			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,05	0,124		2,56	3,05			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,05	0,123		2,55	3,05			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,122		2,55	3,06			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,05	0,122		2,55	3,05			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,05	0,123		2,55	3,05			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,126		2,56	3,06			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,126		2,56	3,06			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,126		2,56	3,06			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,126		2,56	3,06			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,126		2,56	3,06			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,124		2,56	3,06			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,126		2,56	3,06			
SIH-IS-08	2211121P027	004	2312200J001	004	2,228		1,905		2,43	3,06	0,127		2,56	3,06			
SIH-IS-08	2211121P027	009	2312200J001	009	2,228	245,08	1,905	209,55	224,20	225,11	0,268		224,47	225,11	500	275,53	274,89
SIH-IS-08	2211121P027	010	2312200J001	010	2,228	245,08	1,905	209,55	222,40	222,93	0,270		222,67	222,93	500	277,33	277,07
SIH-IS-08	2211121P027	011	2312200J001	011	2,228	245,08	1,905	209,55	223,00	224,02	0,265		223,26	224,02	500	276,74	275,98
SIH-IS-08	2211121P027	012	2312200J001	012	2,228	245,08	1,905	209,55	223,70	225,26	0,236		223,94	225,26	500	276,06	274,74
SIH-IS-08	2211121P027	013	2312200J001	013	2,228	245,08	1,905	209,55	222,90	224,38	0,272		223,17	224,38	500	276,83	275,62
SIH-IS-08	2211121P027	016	2312200J001	016	2,228	245,08	1,905	209,55	225,00	225,51	0,271		225,27	225,51	500	274,73	274,49
SIH-IS-08	2211121P027	017	2312200J001	017	2,228	245,08	1,905	209,55	222,40	223,84	0,262		222,66	223,84	500	277,34	276,16
SIH-IS-08	2211121P027	018	2312200J001	018	2,228	245,08	1,905	209,55	221,50	221,81	0,276		221,78	221,81	500	278,22	278,19
SIH-IS-08	2211121P027	019	2312200J001	019	2,228	245,08	1,905	209,55	221,60	222,26	0,274		221,87	222,26	500	278,13	277,74
SIH-IS-08	2211121P027	020	2312200J001	020	2,228	245,08	1,905	209,55	223,80	224,38	0,265		224,06	224,38	500	275,94	275,62
SIH-IS-08	2211121P027	021	2312200J001	021	2,228	245,08	1,905	209,55	223,80	225,16	0,272		224,07	225,16	500	275,93	274,84
SIH-IS-08	2211121P027	022	2312200J001	022	2,228	245,08	1,905	209,55	225,00	226,4	0,266		225,27	226,4	500	274,73	273,6
SIH-IS-08	2211121P027	023	2312200J001	023	2,228	245,08	1,905	209,55	222,20	223,71	0,278		222,48	223,71	500	277,52	276,29
SIH-IS-08	2211121P027	026	2312200J001	026	2,228	245,08	1,905	209,55	226,90	227,66	0,268		227,17	227,66	500	272,83	272,34
SIH-IS-08	2211121P027	027	2312200J001	027	2,228	245,08	1,905	209,55	224,40	225,85	0,270		224,67	225,85	500	275,33	274,15
SIH-IS-08	2211121P027	028	2312200J001	028	2,228	245,08	1,905	209,55	220,70	221,92	0,269		220,97	221,92	500	279,03	278,08
SIH-IS-08	2211121P027	029	2312200J001	029	2,228	245,08	1,905	209,55	221,90	223,45	0,273		222,17	223,45	500	277,83	276,55
SIH-IS-08	2211121P027	030	2312200J001	030	2,228	245,08	1,905	209,55	225,50	226,65	0,269		225,77	226,65	500	274,23	273,35
SIH-IS-08	2211121P027	031	2312200J001	031	2,228	245,08	1,905	209,55	223,60	225,1	0,275		223,87	225,1	500	276,13	274,9
SIH-IS-08	2211121P027	032	2312200J001	032	2,228	245,08	1,905	209,55	224,20	225,13	0,275		224,47	225,13	500	275,53	274,87
SIH-IS-08	2211121P027	033	2312200J001	033	2,228	245,08	1,905	209,55	223,90	224,42	0,238		224,14	224,42	500	275,86	275,58
SIH-IS-08	2211121P027	034	2312200J001	034	2,228	245,08	1,905	209,55	222,80	224,55	0,270		223,07	224,55	500	276,93	275,45
SIH-IS-08	2211121P027	036	2312200J001	036	2,228	3,1192	1,905	2,67	2,36	2,93	0,178		2,54	2,93	50	47,46	47,07
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,93	0,128		2,49	2,93			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,128		2,49	2,92			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,93	0,127		2,49	2,93			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,93	0,126		2,49	2,93			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,125		2,49	2,92			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,93	0,123		2,48	2,93			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,93	0,124		2,49	2,93			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,126		2,49	2,92			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,93	0,127		2,49	2,93			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,128		2,49	2,92			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,125		2,49	2,92			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,126		2,49	2,92			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,125		2,49	2,92			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,127		2,49	2,92			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,93	0,127		2,49	2,93			
SIH-IS-08	2211121P027	036	2312200J001	036	2,228		1,905		2,36	2,92	0,127		2,49	2,92			
SIH-IS-08	2211121P027	037	2312200J001	037	2,228	245,08	1,905	209,55	224,70	226,47	0,262		224,96	226,47	500	275,04	273,53
SIH-IS-08	2211121P027	038	2312200J001	038	2,228	245,08	1,905	209,55	224,90	226,38	0,227		225,13	226,38	500	274,87	273,62
SIH-IS-08	2211121P027	039	2312200J001	039	2,228	245,08	1,905	209,55	225,10	225,53	0,276		225,38	225,53	500	274,62	274,47
SIH-IS-08	2211121P027	040	2312200J001	040	2,228	245,08	1,905	209,55	224,70	225,3	0,264		224,96	225,3	500	275,04	274,7
SIH-IS-08	2211121P027	041	2312200J001	041	2,228	245,08	1,905	209,55	225,10	226,3	0,263		225,36	226,3	500	274,64	273,7
SIH-IS-08	2211121P027	042	2312200J001	042	2,228	245,08	1,905	209,55	223,70	225,22	0,265		223,96	225,22	500	276,04	274,78
SIH-IS-08	2211121P027	043	2312200J001	043	2,228	245,08	1,905	209,55	223,70	224,29	0,272		223,97	224,29	500	276,03	275,71
SIH-IS-08	2211121P027	044	2312200J001	044	2,228	245,08	1,905	209,55	224,00	225,44	0,272		224,27	225,44	500	275,73	274,56
SIH-IS-08	2211121P027	045	2312200J001	045	2,228	245,08	1,905	209,55	222,80	224,3	0,268		223,07	224,3	500	276,93	275,7
SIH-IS-08	2211121P027	046	2312200J001	046	2,228	245,08	1,905	209,55	223,00	223,56	0,242		223,24	223,56	500	276,76	276,44
SIH-IS-08	2211121P027	047	2312200J001	047	2,228	3,1192	1,905	2,67	2,51	3,11	0,077		2,59	3,11	50	47,41	46,89
SIH-IS-08	2211121P027	048	2312200J001	048	2,228	245,08	1,905	209,55	222,90	223,65	0,268		223,17	223,65	500	276,83	276,35
SIH-IS-08	2211121P027	049	2312200J001	049	2,228	245,08	1,905	209,55	223,60	225,02	0,268		223,87	225,02	500	276,13	274,98
SIH-IS-08	2211121P027	050	2312200J001	050	2,228	245,08	1,905	209,55	225,10	226,94	0,266		225,37	226,94	500	274,63	273,06
SIH-IS-08	2211121P027	051	2312200J001	051	2,228	245,08	1,905	209,55	225,60	225,99	0,260		225,86	225,99	500	274,14	274,01
SIH-IS-08	2211121P027	052	2312200J001	052	2,228	245,08	1,905	209,55	224,80	225,87	0,265		225,06	225,87	500	274,94	274,13
SIH-IS-08	2211121P027	053	2312200J001	053	2,228	245,08	1,905	209,55	223,80	225,04	0,270		224,07	225,04	500	275,93	274,96
SIH-IS-08	2211121P027	054	2312200J001	054	2,228	245,08	1,905	209,55	225,60	226,23	0,270		225,87	226,23	500	274,13	273,77
SIH-IS-08	2211121P027	055	2312200J001	055	2,228	245,08	1,905	209,55	225,10	225,88	0,207		225,31	225,88	500	274,69	274,12
SIH-IS-08	2211121P027	056	2312200J001	056	2,228	245,08	1,905	209,55	224,30	225,77	0,268		224,57	225,77	500	275,43	274,23
SIH-IS-08	2211121P027	057	2312200J001	057	2,228	245,08	1,905	209,55	227,30	227,92	0,242		227,54	227,92	500	272,46	272,08

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-08	2211121P027	058	2312200J001	058	2,228	245,08	1,905	209,55	223,70	225,03	0,204		223,90	225,03	500	276,10	274,97
SIH-IS-08	2211121P027	059	2312200J001	059	2,228	245,08	1,905	209,55	225,00	225,72	0,266		225,27	225,72	500	274,73	274,28
SIH-IS-08	2211121P027	060	2312200J001	060	2,228	245,08	1,905	209,55	220,30	222,44	0,266		220,57	222,44	500	279,43	277,56
SIH-IS-08	2211121P027	061	2312200J001	061	2,228	245,08	1,905	209,55	225,20	226	0,270		225,47	226	500	274,53	274
SIH-IS-08	2211121P027	062	2312200J001	062	2,228	245,08	1,905	209,55	223,40	224,66	0,270		223,67	224,66	500	276,33	275,34
SIH-IS-08	2211121P027	063	2312200J001	063	2,228	245,08	1,905	209,55	223,30	223,8	0,238		223,54	223,8	500	276,46	276,2
SIH-IS-08	2211121P027	066	2312200J001	066	2,228	245,08	1,905	209,55	226,30	226,91	0,244		226,54	226,91	500	273,46	273,09
SIH-IS-08	2211121P027	067	2312200J001	067	2,228	245,08	1,905	209,55	221,20	223	0,202		221,40	223	500	278,60	277
SIH-IS-08	2211121P027	068	2312200J001	068	2,228	245,08	1,905	209,55	227,90	228,6	0,203		228,10	228,6	500	271,90	271,4
SIH-IS-08	2211121P027	069	2312200J001	069	2,228	245,08	1,905	209,55	225,10	226,32	0,205		225,30	226,32	500	274,70	273,68
SIH-IS-08	2211121P027	070	2312200J001	070	2,228	245,08	1,905	209,55	226,90	227,55	0,244		227,14	227,55	500	272,86	272,45
SIH-IS-08	2211121P027	071	2312200J001	071	2,228	245,08	1,905	209,55	225,40	226,67	0,268		225,67	226,67	500	274,33	273,33
SIH-IS-08	2211121P027	072	2312200J001	072	2,228	245,08	1,905	209,55	224,60	225,17	0,266		224,87	225,17	500	275,13	274,83
SIH-IS-08	2211121P027	073	2312200J001	073	2,228	245,08	1,905	209,55	227,20	228,61	0,270		227,47	228,61	500	272,53	271,39
SIH-IS-08	2211121P027	074	2312200J001	074	2,228	245,08	1,905	209,55	227,50	227,47	0,268		227,77	227,47	500	272,23	272,53
SIH-IS-08	2211121P027	075	2312200J001	075	2,228	245,08	1,905	209,55	223,10	224,38	0,266		223,37	224,38	500	276,63	275,62
SIH-IS-08	2211121P027	076	2312200J001	076	2,228	245,08	1,905	209,55	223,10	223,7	0,246		223,35	223,7	500	276,65	276,3
SIH-IS-08	2211121P027	077	2312200J001	077	2,228	245,08	1,905	209,55	221,50	222,69	0,209		221,71	222,69	500	278,29	277,31
SIH-IS-08	2211121P027	078	2312200J001	078	2,228	245,08	1,905	209,55	223,00	224,34	0,245		223,25	224,34	500	276,75	275,66
SIH-IS-08	2211121P027	079	2312200J001	079	2,228	245,08	1,905	209,55	222,80	223,74	0,206		223,01	223,74	500	276,99	276,26
SIH-IS-08	2211121P027	080	2312200J001	080	2,228	245,08	1,905	209,55	224,30	225,65	0,208		224,51	225,65	500	275,49	274,35
SIH-IS-08	2211121P027	081	2312200J001	081	2,228	245,08	1,905	209,55	227,80	228,77	0,206		228,01	228,77	500	271,99	271,23
SIH-IS-08	2211121P027	083	2312200J001	083	2,228	245,08	1,905	209,55	224,90	226,3	0,237		225,14	226,3	500	274,86	273,7
SIH-IS-08	2211121P027	084	2312200J001	084	2,228	245,08	1,905	209,55	226,70	228,25	0,226		226,93	228,25	500	273,07	271,75
SIH-IS-08	2211121P027	085	2312200J001	085	2,228	245,08	1,905	209,55	223,80	224,01	0,267		224,07	224,01	500	275,93	275,99
SIH-IS-08	2211121P027	086	2312200J001	086	2,228	245,08	1,905	209,55	227,40	228,81	0,267		227,67	228,81	500	272,33	271,19
SIH-IS-08	2211121P027	087	2312200J001	087	2,228	245,08	1,905	209,55	226,60	227,82	0,267		226,87	227,82	500	273,13	272,18
SIH-IS-08	2211121P027	088	2312200J001	088	2,228	245,08	1,905	209,55	222,40	223,72	0,205		222,61	223,72	500	277,39	276,28
SIH-IS-08	2211121P027	089	2312200J001	089	2,228	245,08	1,905	209,55	221,70	222,91	0,208		221,91	222,91	500	278,09	277,09
SIH-IS-08	2211121P027	090	2312200J001	090	2,228	245,08	1,905	209,55	221,20	222,39	0,205		221,40	222,39	500	278,60	277,61
SIH-IS-08	2211121P027	091	2312200J001	091	2,228	245,08	1,905	209,55	221,20	222,45	0,209		221,41	222,45	500	278,59	277,55
SIH-IS-08	2211121P027	092	2312200J001	092	2,228	245,08	1,905	209,55	224,20	223,32	0,243		224,44	223,32	500	275,56	276,68
SIH-IS-08	2211121P027	095	2312200J001	095	2,228	245,08	1,905	209,55	226,10	226,56	0,268		226,37	226,56	500	273,63	273,44
SIH-IS-08	2211121P027	096	2312200J001	096	2,228	245,08	1,905	209,55	223,90	225,07	0,260		224,16	225,07	500	275,84	274,93
SIH-IS-08	2211121P027	097	2312200J001	097	2,228	245,08	1,905	209,55	227,70	227,97	0,227		227,93	227,97	500	272,07	272,03

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-08	2211121P027	098	2312200J001	098	2,228	245,08	1,905	209,55	225,40	226,75	0,268		225,67	226,75	500	274,33	273,25
SIH-IS-08	2211121P027	099	2312200J001	099	2,228	245,08	1,905	209,55	225,80	227,17	0,246		226,05	227,17	500	273,95	272,83
SIH-IS-08	2211121P027	100	2312200J001	100	2,228	245,08	1,905	209,55	224,60	225,79	0,205		224,80	225,79	500	275,20	274,21
SIH-IS-08	2211121P027	101	2312200J001	101	2,228	245,08	1,905	209,55	224,10	224,52	0,205		224,31	224,52	500	275,69	275,48
SIH-IS-08	2211121P027	102	2312200J001	102	2,228	245,08	1,905	209,55	225,20	225,52	0,207		225,41	225,52	500	274,59	274,48
SIH-IS-08	2211121P027	103	2312200J001	103	2,228	245,08	1,905	209,55	225,20	226,67	0,246		225,45	226,67	500	274,55	273,33
SIH-IS-08	2211121P027	106	2312200J001	106	2,228	245,08	1,905	209,55	224,30	224,88	0,262		224,56	224,88	500	275,44	275,12
SIH-IS-08	2211121P027	107	2312200J001	107	2,228	245,08	1,905	209,55	222,60	223,84	0,262		222,86	223,84	500	277,14	276,16
SIH-IS-08	2211121P027	108	2312200J001	108	2,228	245,08	1,905	209,55	227,70	227,95	0,226		227,93	227,95	500	272,07	272,05
SIH-IS-08	2211121P027	109	2312200J001	109	2,228	245,08	1,905	209,55	225,20	226,49	0,239		225,44	226,49	500	274,56	273,51
SIH-IS-08	2211121P027	110	2312200J001	110	2,228	245,08	1,905	209,55	224,50	225,21	0,207		224,71	225,21	500	275,29	274,79
SIH-IS-08	2211121P027	111	2312200J001	111	2,228	245,08	1,905	209,55	222,40	223,78	0,241		222,64	223,78	500	277,36	276,22
SIH-IS-08	2211121P027	112	2312200J001	112	2,228	245,08	1,905	209,55	221,50	221,9	0,244		221,74	221,9	500	278,26	278,1
SIH-IS-08	2211121P027	113	2312200J001	113	2,228	245,08	1,905	209,55	224,70	225,93	0,245		224,95	225,93	500	275,05	274,07
SIH-IS-08	2211121P027	116	2312200J001	116	2,228	245,08	1,905	209,55	224,70	225,99	0,263		224,96	225,99	500	275,04	274,01
SIH-IS-08	2211121P027	117	2312200J001	117	2,228	245,08	1,905	209,55	226,30	227,5	0,239		226,54	227,5	500	273,46	272,5
SIH-IS-08	2211121P027	118	2312200J001	118	2,228	245,08	1,905	209,55	220,90	222,12	0,209		221,11	222,12	500	278,89	277,88
SIH-IS-08	2211121P027	119	2312200J001	119	2,228	245,08	1,905	209,55	221,30	222,48	0,208		221,51	222,48	500	278,49	277,52
SIH-IS-08	2211121P027	120	2312200J001	120	2,228	245,08	1,905	209,55	221,70	222,83	0,245		221,94	222,83	500	278,06	277,17
SIH-IS-08	2211121P027	128	2312200J001	128	2,228	3,1192	1,905	2,67	2,43	3,05	0,159		2,59	3,05	50	47,41	46,95
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,05	0,115		2,54	3,05			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,05	0,113		2,54	3,05			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,06	0,111		2,54	3,06			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,06	0,113		2,54	3,06			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,06	0,113		2,54	3,06			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,114		2,54	3,07			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,06	0,114		2,54	3,06			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,06	0,115		2,54	3,06			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,114		2,54	3,07			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,114		2,54	3,07			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,113		2,54	3,07			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,112		2,54	3,07			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,114		2,54	3,07			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,114		2,54	3,07			
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,114		2,54	3,07			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-08	2211121P027	128	2312200J001	128	2,228				2,43	3,07	0,116		2,54	3,07			
											0,000						
SIH-IS-09	2211121P028	004	2312200J002	004	2,133	2,9862			2,38	2,99	0,150		2,53	2,99	50	47,47	47,01
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,111		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,112		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,112		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,111		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,113		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,112		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,111		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,111		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,112		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,110		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,112		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,111		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3,01	0,111		2,49	3,01			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,111		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3	0,112		2,49	3			
SIH-IS-09	2211121P028	004	2312200J002	004	2,133				2,38	3,01	0,111		2,49	3,01			
SIH-IS-09	2211121P028	009	2312200J002	009	2,133	234,63	2816	309,76	209,300	210,34	0,243		209,54	210,34	500	290,46	289,66
SIH-IS-09	2211121P028	010	2312200J002	010	2,133	234,63	2816	309,76	211,500	212,35	0,243		211,74	212,35	500	288,26	287,65
SIH-IS-09	2211121P028	011	2312200J002	011	2,133	234,63	2816	309,76	210,700	212,25	0,240		210,94	212,25	500	289,06	287,75
SIH-IS-09	2211121P028	012	2312200J002	012	2,133	234,63	2816	309,76	211,500	212,35	0,207		211,71	212,35	500	288,29	287,65
SIH-IS-09	2211121P028	013	2312200J002	013	2,133	234,63	2816	309,76	210,800	212,29	0,245		211,04	212,29	500	288,96	287,71
SIH-IS-09	2211121P028	016	2312200J002	016	2,133	234,63	2816	309,76	209,100	210,5	0,246		209,35	210,5	500	290,65	289,5
SIH-IS-09	2211121P028	017	2312200J002	017	2,133	234,63	2816	309,76	208,800	210,4	0,241		209,04	210,4	500	290,96	289,6
SIH-IS-09	2211121P028	018	2312200J002	018	2,133	234,63	2816	309,76	209,500	210,45	0,210		209,71	210,45	500	290,29	289,55
SIH-IS-09	2211121P028	019	2312200J002	019	2,133	234,63	2816	309,76	210,200	211,56	0,210		210,41	211,56	500	289,59	288,44
SIH-IS-09	2211121P028	020	2312200J002	020	2,133	234,63	2816	309,76	212,100	213,01	0,237		212,34	213,01	500	287,66	286,99
SIH-IS-09	2211121P028	021	2312200J002	021	2,133	234,63	2816	309,76	211,600	213,09	0,243		211,84	213,09	500	288,16	286,91
SIH-IS-09	2211121P028	022	2312200J002	022	2,133	234,63	2816	309,76	211,600	212,35	0,240		211,84	212,35	500	288,16	287,65
SIH-IS-09	2211121P028	023	2312200J002	023	2,133	234,63	2816	309,76	211,100	212,62	0,208		211,31	212,62	500	288,69	287,38
SIH-IS-09	2211121P028	026	2312200J002	026	2,133	234,63	2816	309,76	207,300	209,17	0,212		207,51	209,17	500	292,49	290,83
SIH-IS-09	2211121P028	027	2312200J002	027	2,133	234,63	2816	309,76	209,800	210,41	0,245		210,05	210,41	500	289,95	289,59
SIH-IS-09	2211121P028	028	2312200J002	028	2,133	234,63	2816	309,76	209,300	210,89	0,245		209,55	210,89	500	290,45	289,11

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-09	2211121P028	029	2312200J002	029	2,133	234,63	2816	309,76	210,600	211,51	0,246		210,85	211,51	500	289,15	288,49
SIH-IS-09	2211121P028	030	2312200J002	030	2,133	234,63	2816	309,76	208,900	210,46	0,243		209,14	210,46	500	290,86	289,54
SIH-IS-09	2211121P028	031	2312200J002	031	2,133	234,63	2816	309,76	209,100	209,74	0,242		209,34	209,74	500	290,66	290,26
SIH-IS-09	2211121P028	032	2312200J002	032	2,133	234,63	2816	309,76	210,100	211,54	0,245		210,35	211,54	500	289,65	288,46
SIH-IS-09	2211121P028	033	2312200J002	033	2,133	234,63	2816	309,76	211,900	212,34	0,210		212,11	212,34	500	287,89	287,66
SIH-IS-09	2211121P028	034	2312200J002	034	2,133	234,63	2816	309,76	211,800	213,33	0,239		212,04	213,33	500	287,96	286,67
SIH-IS-09	2211121P028	036	2312200J002	036	2,133	2,9862			2,18	2,74	0,154		2,33	2,74	50	47,67	47,26
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,73	0,113		2,29	2,73			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,114		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,114		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,113		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,112		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,113		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,111		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,73	0,110		2,29	2,73			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,73	0,112		2,29	2,73			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,112		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,113		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,73	0,113		2,29	2,73			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,112		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,113		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,73	0,112		2,29	2,73			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,73	0,113		2,29	2,73			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,113		2,29	2,74			
SIH-IS-09	2211121P028	036	2312200J002	036	2,133				2,18	2,74	0,114		2,29	2,74			
SIH-IS-09	2211121P028	037	2312200J002	037	2,133	234,63	2816	309,76	208,200	209	0,244		208,44	209	500	291,56	291
SIH-IS-09	2211121P028	038	2312200J002	038	2,133	234,63	2816	309,76	209,700	210,29	0,212		209,91	210,29	500	290,09	289,71
SIH-IS-09	2211121P028	039	2312200J002	039	2,133	234,63	2816	309,76	210,400	211,85	0,246		210,65	211,85	500	289,35	288,15
SIH-IS-09	2211121P028	040	2312200J002	040	2,133	234,63	2816	309,76	210,900	212,1	0,239		211,14	212,1	500	288,86	287,9
SIH-IS-09	2211121P028	041	2312200J002	041	2,133	234,63	2816	309,76	209,500	210,26	0,239		209,74	210,26	500	290,26	289,74
SIH-IS-09	2211121P028	042	2312200J002	042	2,133	234,63	2816	309,76	210,000	211,66	0,237		210,24	211,66	500	289,76	288,34
SIH-IS-09	2211121P028	043	2312200J002	043	2,133	234,63	2816	309,76	208,700	209,65	0,240		208,94	209,65	500	291,06	290,35
SIH-IS-09	2211121P028	044	2312200J002	044	2,133	234,63	2816	309,76	210,800	211,48	0,241		211,04	211,48	500	288,96	288,52
SIH-IS-09	2211121P028	045	2312200J002	045	2,133	234,63	2816	309,76	211,100	212,54	0,239		211,34	212,54	500	288,66	287,46
SIH-IS-09	2211121P028	046	2312200J002	046	2,133	234,63	2816	309,76	211,600	212,38	0,256		211,86	212,38	500	288,14	287,62
SIH-IS-09	2211121P028	047	2312200J002	047	2,133	2,9862			2,35	2,94	0,063		2,41	2,94	50	47,59	47,06
SIH-IS-09	2211121P028	048	2312200J002	048	2,133	234,63	2816	309,76	208,300	209,64	0,245		208,54	209,64	500	291,46	290,36

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	P in	To Connector	P in	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-09	2211121P028	049	2312200J002	049	2,133	234,63	2816	309,76	209,700	210,4	0,245		209,94	210,4	500	290,06	289,6
SIH-IS-09	2211121P028	050	2312200J002	050	2,133	234,63	2816	309,76	208,700	209,91	0,243		208,94	209,91	500	291,06	290,09
SIH-IS-09	2211121P028	051	2312200J002	051	2,133	234,63	2816	309,76	207,400	209,09	0,240		207,64	209,09	500	292,36	290,91
SIH-IS-09	2211121P028	052	2312200J002	052	2,133	234,63	2816	309,76	210,400	211,74	0,241		210,64	211,74	500	289,36	288,26
SIH-IS-09	2211121P028	053	2312200J002	053	2,133	234,63	2816	309,76	209,800	211,18	0,243		210,04	211,18	500	289,96	288,82
SIH-IS-09	2211121P028	054	2312200J002	054	2,133	234,63	2816	309,76	210,600	211,63	0,239		210,84	211,63	500	289,16	288,37
SIH-IS-09	2211121P028	055	2312200J002	055	2,133	234,63	2816	309,76	211,600	212,43	0,260		211,86	212,43	500	288,14	287,57
SIH-IS-09	2211121P028	056	2312200J002	056	2,133	234,63	2816	309,76	210,400	211,75	0,238		210,64	211,75	500	289,36	288,25
SIH-IS-09	2211121P028	057	2312200J002	057	2,133	234,63	2816	309,76	213,100	213,67	0,260		213,36	213,67	500	286,64	286,33
SIH-IS-09	2211121P028	058	2312200J002	058	2,133	234,63	2816	309,76	211,800	213,1	0,261		212,06	213,1	500	287,94	286,9
SIH-IS-09	2211121P028	059	2312200J002	059	2,133	234,63	2816	309,76	208,200	209,81	0,242		208,44	209,81	500	291,56	290,19
SIH-IS-09	2211121P028	060	2312200J002	060	2,133	234,63	2816	309,76	208,700	210,07	0,241		208,94	210,07	500	291,06	289,93
SIH-IS-09	2211121P028	061	2312200J002	061	2,133	234,63	2816	309,76	208,300	209,65	0,210		208,51	209,65	500	291,49	290,35
SIH-IS-09	2211121P028	062	2312200J002	062	2,133	234,63	2816	309,76	208,200	208,59	0,212		208,41	208,59	500	291,59	291,41
SIH-IS-09	2211121P028	063	2312200J002	063	2,133	234,63	2816	309,76	207,300	208,69	0,211		207,51	208,69	500	292,49	291,31
SIH-IS-09	2211121P028	066	2312200J002	066	2,133	234,63	2816	309,76	211,400	212,82	0,256		211,66	212,82	500	288,34	287,18
SIH-IS-09	2211121P028	067	2312200J002	067	2,133	234,63	2816	309,76	211,600	212,56	0,264		211,86	212,56	500	288,14	287,44
SIH-IS-09	2211121P028	068	2312200J002	068	2,133	234,63	2816	309,76	212,300	213,17	0,268		212,57	213,17	500	287,43	286,83
SIH-IS-09	2211121P028	069	2312200J002	069	2,133	234,63	2816	309,76	210,500	211,83	0,264		210,76	211,83	500	289,24	288,17
SIH-IS-09	2211121P028	070	2312200J002	070	2,133	234,63	2816	309,76	211,600	212,73	0,254		211,85	212,73	500	288,15	287,27
SIH-IS-09	2211121P028	071	2312200J002	071	2,133	234,63	2816	309,76	207,700	209	0,244		207,94	209	500	292,06	291
SIH-IS-09	2211121P028	072	2312200J002	072	2,133	234,63	2816	309,76	209,700	210,29	0,240		209,94	210,29	500	290,06	289,71
SIH-IS-09	2211121P028	073	2312200J002	073	2,133	234,63	2816	309,76	209,400	210,92	0,242		209,64	210,92	500	290,36	289,08
SIH-IS-09	2211121P028	074	2312200J002	074	2,133	234,63	2816	309,76	209,200	210,37	0,239		209,44	210,37	500	290,56	289,63
SIH-IS-09	2211121P028	075	2312200J002	075	2,133	234,63	2816	309,76	208,100	208,66	0,238		208,34	208,66	500	291,66	291,34
SIH-IS-09	2211121P028	076	2312200J002	076	2,133	234,63	2816	309,76	208,600	209,99	0,260		208,86	209,99	500	291,14	290,01
SIH-IS-09	2211121P028	077	2312200J002	077	2,133	234,63	2816	309,76	209,800	210,34	0,264		210,06	210,34	500	289,94	289,66
SIH-IS-09	2211121P028	078	2312200J002	078	2,133	234,63	2816	309,76	211,200	212,27	0,260		211,46	212,27	500	288,54	287,73
SIH-IS-09	2211121P028	079	2312200J002	079	2,133	234,63	2816	309,76	208,400	209,79	0,262		208,66	209,79	500	291,34	290,21
SIH-IS-09	2211121P028	080	2312200J002	080	2,133	234,63	2816	309,76	211,700	212,49	0,259		211,96	212,49	500	288,04	287,51
SIH-IS-09	2211121P028	081	2312200J002	081	2,133	234,63	2816	309,76	210,700	212,15	0,258		210,96	212,15	500	289,04	287,85
SIH-IS-09	2211121P028	083	2312200J002	083	2,133	234,63	2816	309,76	208,800	210,21	0,245		209,04	210,21	500	290,96	289,79
SIH-IS-09	2211121P028	084	2312200J002	084	2,133	234,63	2816	309,76	211,100	211,55	0,243		211,34	211,55	500	288,66	288,45
SIH-IS-09	2211121P028	085	2312200J002	085	2,133	234,63	2816	309,76	208,600	210,1	0,241		208,84	210,1	500	291,16	289,9
SIH-IS-09	2211121P028	086	2312200J002	086	2,133	234,63	2816	309,76	212,200	212,34	0,239		212,44	212,34	500	287,56	287,66

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-09	2211121P028	087	2312200J002	087	2,133	234,63	2816	309,76	211,500	211,96	0,241		211,74	211,96	500	288,26	288,04
SIH-IS-09	2211121P028	088	2312200J002	088	2,133	234,63	2816	309,76	210,900	212,29	0,263		211,16	212,29	500	288,84	287,71
SIH-IS-09	2211121P028	089	2312200J002	089	2,133	234,63	2816	309,76	211,600	212,49	0,267		211,87	212,49	500	288,13	287,51
SIH-IS-09	2211121P028	090	2312200J002	090	2,133	234,63	2816	309,76	208,700	209,86	0,263		208,96	209,86	500	291,04	290,14
SIH-IS-09	2211121P028	091	2312200J002	091	2,133	234,63	2816	309,76	211,600	211,95	0,262		211,86	211,95	500	288,14	288,05
SIH-IS-09	2211121P028	092	2312200J002	092	2,133	234,63	2816	309,76	210,400	211,71	0,259		210,66	211,71	500	289,34	288,29
SIH-IS-09	2211121P028	095	2312200J002	095	2,133	234,63	2816	309,76	210,100	211,3	0,239		210,34	211,3	500	289,66	288,7
SIH-IS-09	2211121P028	096	2312200J002	096	2,133	234,63	2816	309,76	209,100	209,64	0,237		209,34	209,64	500	290,66	290,36
SIH-IS-09	2211121P028	097	2312200J002	097	2,133	234,63	2816	309,76	208,700	210,35	0,212		208,91	210,35	500	291,09	289,65
SIH-IS-09	2211121P028	098	2312200J002	098	2,133	234,63	2816	309,76	209,400	210,24	0,245		209,65	210,24	500	290,35	289,76
SIH-IS-09	2211121P028	099	2312200J002	099	2,133	234,63	2816	309,76	211,200	212,46	0,264		211,46	212,46	500	288,54	287,54
SIH-IS-09	2211121P028	100	2312200J002	100	2,133	234,63	2816	309,76	211,900	212,31	0,262		212,16	212,31	500	287,84	287,69
SIH-IS-09	2211121P028	101	2312200J002	101	2,133	234,63	2816	309,76	211,500	212,84	0,262		211,76	212,84	500	288,24	287,16
SIH-IS-09	2211121P028	102	2312200J002	102	2,133	234,63	2816	309,76	211,800	212,07	0,264		212,06	212,07	500	287,94	287,93
SIH-IS-09	2211121P028	103	2312200J002	103	2,133	234,63	2816	309,76	210,700	212,08	0,261		210,96	212,08	500	289,04	287,92
SIH-IS-09	2211121P028	106	2312200J002	106	2,133	234,63	2816	309,76	210,400	212,01	0,235		210,63	212,01	500	289,37	287,99
SIH-IS-09	2211121P028	107	2312200J002	107	2,133	234,63	2816	309,76	211,100	211,58	0,236		211,34	211,58	500	288,66	288,42
SIH-IS-09	2211121P028	108	2312200J002	108	2,133	234,63	2816	309,76	210,800	212,23	0,214		211,01	212,23	500	288,99	287,77
SIH-IS-09	2211121P028	109	2312200J002	109	2,133	234,63	2816	309,76	210,700	212	0,214		210,91	212	500	289,09	288
SIH-IS-09	2211121P028	110	2312200J002	110	2,133	234,63	2816	309,76	208,300	209,62	0,264		208,56	209,62	500	291,44	290,38
SIH-IS-09	2211121P028	111	2312200J002	111	2,133	234,63	2816	309,76	208,200	209,41	0,258		208,46	209,41	500	291,54	290,59
SIH-IS-09	2211121P028	112	2312200J002	112	2,133	234,63	2816	309,76	209,900	211,21	0,257		210,16	211,21	500	289,84	288,79
SIH-IS-09	2211121P028	113	2312200J002	113	2,133	234,63	2816	309,76	210,100	211,83	0,258		210,36	211,83	500	289,64	288,17
SIH-IS-09	2211121P028	116	2312200J002	116	2,133	234,63	2816	309,76	211,400	212,18	0,237		211,64	212,18	500	288,36	287,82
SIH-IS-09	2211121P028	117	2312200J002	117	2,133	234,63	2816	309,76	212,000	212,57	0,242		212,24	212,57	500	287,76	287,43
SIH-IS-09	2211121P028	118	2312200J002	118	2,133	234,63	2816	309,76	209,800	210,71	0,263		210,06	210,71	500	289,94	289,29
SIH-IS-09	2211121P028	119	2312200J002	119	2,133	234,63	2816	309,76	209,900	211,03	0,258		210,16	211,03	500	289,84	288,97
SIH-IS-09	2211121P028	120	2312200J002	120	2,133	234,63	2816	309,76	209,600	210,85	0,257		209,86	210,85	500	290,14	289,15
SIH-IS-09	2211121P028	128	2312200J002	128	2,133	2,9862			2,35	2,97	0,197		2,54	2,97	50	47,46	47,03
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,97	0,126		2,47	2,97			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,121		2,47	2,98			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,123		2,47	2,98			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,122		2,47	2,98			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,122		2,47	2,98			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,124		2,47	2,98			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,122		2,47	2,98			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,123		2,47	2,98			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,98	0,123		2,47	2,98			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,99	0,121		2,47	2,99			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,99	0,122		2,47	2,99			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,99	0,122		2,47	2,99			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,99	0,123		2,47	2,99			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,99	0,124		2,47	2,99			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,99	0,122		2,47	2,99			
SIH-IS-09	2211121P028	128	2312200J002	128	2,133				2,35	2,99	0,122		2,47	2,99			
											0,000						
SIH-IS-10	2211121P034	005	2312300J006	005	2,276	3,1864	2024	2,83	3,05	3,69	0,358		3,41	3,69	10	6,59	6,31
SIH-IS-10	2211121P034	006	2312300J006	006	2,276	3,1864	2024	2,83	3,04	3,66	0,363		3,41	3,66	10	6,59	6,34
SIH-IS-10	2211121P034	010	2312300J006	010	2,276	250,36	2024	222,64	240,70	242,32	0,354		241,05	242,32	1000	758,95	757,68
SIH-IS-10	2211121P034	011	2312300J006	011	2,276	250,36	2024	222,64	242,50	241,85	0,361		242,86	241,85	1000	757,14	758,15
SIH-IS-10	2211121P034	012	2312300J006	012	2,276	3,1864	2024	2,83	3,04	3,6	0,323		3,36	3,6	10	6,64	6,4
SIH-IS-10	2211121P034	013	2312300J006	013	2,276	3,1864	2024	2,83	3,05	3,6	0,366		3,42	3,6	10	6,58	6,4
SIH-IS-10	2211121P034	018	2312300J006	018	2,276	250,36	2024	222,64	240,70	242,12	0,359		241,06	242,12	1000	758,94	757,88
SIH-IS-10	2211121P034	019	2312300J006	019	2,276	250,36	2024	222,64	242,20	241,86	0,357		242,56	241,86	1000	757,44	758,14
SIH-IS-10	2211121P034	020	2312300J006	020	2,276	0		0,00	33,74	34,3	0,116		33,86	34,3			
SIH-IS-10	2211121P034	021	2312300J006	021	2,276	3,1864	2024	2,83	3,06	3,62	0,363		3,42	3,62	50	46,58	46,38
SIH-IS-10	2211121P034	022	2312300J006	022	2,276	3,1864	2024	2,83	3,06	3,64	0,358		3,42	3,64	50	46,58	46,36
SIH-IS-10	2211121P034	023	2312300J006	023	2,276	3,1864	2024	2,83	3,08	3,6	0,367		3,45	3,6	30	26,55	26,4
SIH-IS-10	2211121P034	024	2312300J006	024	2,276	3,1864	2024	2,83	3,07	3,56	0,361		3,43	3,56	30	26,57	26,44
SIH-IS-10	2211121P034	029	2312300J006	029	2,276	250,36	2024	222,64	238,10	239,66	0,359		238,46	239,66	1000	761,54	760,34
SIH-IS-10	2211121P034	030	2312300J006	030	2,276	250,36	2024	222,64	239,10	240,59	0,355		239,46	240,59	1000	760,54	759,41
SIH-IS-10	2211121P034	031	2312300J006	031	2,276	0		0,00	33,13	33,92	0,120		33,25	33,92			
SIH-IS-10	2211121P034	032	2312300J006	032	2,276	3,1864	2024	2,83	3,07	3,67	0,364		3,43	3,67	50	46,57	46,33
SIH-IS-10	2211121P034	033	2312300J006	033	2,276	3,1864	2024	2,83	3,03	3,68	0,363		3,39	3,68	50	46,61	46,32
SIH-IS-10	2211121P034	034	2312300J006	034	2,276	3,1864	2024	2,83	3,06	3,72	0,364		3,42	3,72	30	26,58	26,28
SIH-IS-10	2211121P034	035	2312300J006	035	2,276	3,1864	2024	2,83	3,06	3,74	0,364		3,42	3,74	30	26,58	26,26
SIH-IS-10	2211121P034	039	2312300J006	039	2,276	0		0,00	33,00	33,76	0,116		33,12	33,76			
SIH-IS-10	2211121P034	041	2312300J006	041	2,276	250,36	2024	222,64	237,80	238,8	0,357		238,16	238,8	1000	761,84	761,2
SIH-IS-10	2211121P034	042	2312300J006	042	2,276	250,36	2024	222,64	240,40	241,18	0,363		240,76	241,18	1000	759,24	758,82
SIH-IS-10	2211121P034	043	2312300J006	043	2,276	3,1864	2024	2,83	3,03	3,58	0,362		3,39	3,58	50	46,61	46,42

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-10	2211121P034	044	2312300J006	044	2,276	3,1864	2024	2,83	3,03	3,56	0,362		3,40	3,56	50	46,60	46,44
SIH-IS-10	2211121P034	045	2312300J006	045	2,276	3,1864	2024	2,83	3,05	3,56	0,362		3,41	3,56	30	26,59	26,44
SIH-IS-10	2211121P034	046	2312300J006	046	2,276	3,1864	2024	2,83	3,06	3,64	0,357		3,41	3,64	30	26,59	26,36
SIH-IS-10	2211121P034	050	2312300J006	050	2,276	250,36	2024	222,64	237,80	238,11	0,362		238,16	238,11	1000	761,84	761,89
SIH-IS-10	2211121P034	051	2312300J006	051	2,276	250,36	2024	222,64	237,20	238,62	0,356		237,56	238,62	1000	762,44	761,38
SIH-IS-10	2211121P034	052	2312300J006	052	2,276	250,36	2024	222,64	240,70	241,37	0,358		241,06	241,37	1000	758,94	758,63
SIH-IS-10	2211121P034	053	2312300J006	053	2,276	250,36	2024	222,64	240,60	241,66	0,359		240,96	241,66	1000	759,04	758,34
SIH-IS-10	2211121P034	054	2312300J006	054	2,276	0		0,00	33,50	34,56	0,113		33,61	34,56			
SIH-IS-10	2211121P034	055	2312300J006	055	2,276	3,1864	2024	2,83	3,03	3,68	0,359		3,39	3,68	50	46,61	46,32
SIH-IS-10	2211121P034	056	2312300J006	056	2,276	3,1864	2024	2,83	3,04	3,66	0,364		3,41	3,66	50	46,59	46,34
SIH-IS-10	2211121P034	057	2312300J006	057	2,276	3,1864	2024	2,83	3,07	3,68	0,356		3,42	3,68	30	26,58	26,32
SIH-IS-10	2211121P034	058	2312300J006	058	2,276	3,1864	2024	2,83	3,07	3,71	0,361		3,43	3,71	30	26,57	26,29
SIH-IS-10	2211121P034	061	2312300J006	061	2,276	250,36	2024	222,64	236,80	237,28	0,360		237,16	237,28	1000	762,84	762,72
SIH-IS-10	2211121P034	062	2312300J006	062	2,276	250,36	2024	222,64	236,80	238,65	0,354		237,15	238,65	1000	762,85	761,35
SIH-IS-10	2211121P034	063	2312300J006	063	2,276	250,36	2024	222,64	240,20	241,47	0,365		240,56	241,47	1000	759,44	758,53
SIH-IS-10	2211121P034	064	2312300J006	064	2,276	250,36	2024	222,64	240,70	241,47	0,363		241,06	241,47	1000	758,94	758,53
SIH-IS-10	2211121P034	065	2312300J006	065	2,276	250,36	2024	222,64	239,90	241,32	0,357		240,26	241,32	1000	759,74	758,68
SIH-IS-10	2211121P034	066	2312300J006	066	2,276	250,36	2024	222,64	240,60	241,43	0,355		240,96	241,43	1000	759,04	758,57
SIH-IS-10	2211121P034	067	2312300J006	067	2,276	3,1864	2024	2,83	2,95	3,52	0,358		3,31	3,52	100	96,69	96,48
SIH-IS-10	2211121P034	068	2312300J006	068	2,276	3,1864	2024	2,83	2,96	3,51	0,360		3,32	3,51	100	96,68	96,49
SIH-IS-10	2211121P034	073	2312300J006	073	2,276	250,36	2024	222,64	237,70	238,72	0,364		238,06	238,72	1000	761,94	761,28
SIH-IS-10	2211121P034	074	2312300J006	074	2,276	250,36	2024	222,64	238,40	238,78	0,357		238,76	238,78	1000	761,24	761,22
SIH-IS-10	2211121P034	075	2312300J006	075	2,276	0		0,00	33,59	34,26	0,118		33,71	34,26			
SIH-IS-10	2211121P034	076	2312300J006	076	2,276	250,36	2024	222,64	239,70	240,9	0,360		240,06	240,9	1000	759,94	759,1
SIH-IS-10	2211121P034	077	2312300J006	077	2,276	250,36	2024	222,64	239,70	241,09	0,362		240,06	241,09	1000	759,94	758,91
SIH-IS-10	2211121P034	078	2312300J006	078	2,276	3,1864	2024	2,83	2,96	3,58	0,366		3,32	3,58	100	96,68	96,42
SIH-IS-10	2211121P034	079	2312300J006	079	2,276	3,1864	2024	2,83	2,96	3,58	0,365		3,32	3,58	100	96,68	96,42
SIH-IS-10	2211121P034	080	2312300J006	080	2,276	250,36	2024	222,64	239,70	240,43	0,373		240,07	240,43	1000	759,93	759,57
SIH-IS-10	2211121P034	081	2312300J006	081	2,276	250,36	2024	222,64	239,00	240,37	0,372		239,37	240,37	1000	760,63	759,63
SIH-IS-10	2211121P034	084	2312300J006	084	2,276	250,36	2024	222,64	237,40	238,2	0,362		237,76	238,2	1000	762,24	761,8
SIH-IS-10	2211121P034	085	2312300J006	085	2,276	250,36	2024	222,64	238,50	239,37	0,354		238,85	239,37	1000	761,15	760,63
SIH-IS-10	2211121P034	086	2312300J006	086	2,276	250,36	2024	222,64	236,90	238,05	0,359		237,26	238,05	1000	762,74	761,95
SIH-IS-10	2211121P034	087	2312300J006	087	2,276	250,36	2024	222,64	237,80	239,17	0,354		238,15	239,17	1000	761,85	760,83
SIH-IS-10	2211121P034	088	2312300J006	088	2,276	250,36	2024	222,64	239,10	239,75	0,357		239,46	239,75	1000	760,54	760,25
SIH-IS-10	2211121P034	089	2312300J006	089	2,276	250,36	2024	222,64	238,70	240,02	0,358		239,06	240,02	1000	760,94	759,98

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-10	2211121P034	090	2312300J006	090	2,276	0		0,00	26,85	27,34	0,113		26,96	27,34			
SIH-IS-10	2211121P034	091	2312300J006	091	2,276	250,36	2024	222,64	240,00	241,39	0,378		240,38	241,39	1000	759,62	758,61
SIH-IS-10	2211121P034	092	2312300J006	092	2,276	250,36	2024	222,64	238,80	240,12	0,379		239,18	240,12	1000	760,82	759,88
SIH-IS-10	2211121P034	093	2312300J006	093	2,276	0		0,00	33,35	34,15	0,126		33,48	34,15			
SIH-IS-10	2211121P034	096	2312300J006	096	2,276	0		0,00	32,85	33,52	0,112		32,96	33,52			
SIH-IS-10	2211121P034	097	2312300J006	097	2,276	250,36	2024	222,64	237,30	238,75	0,357		237,66	238,75	1000	762,34	761,25
SIH-IS-10	2211121P034	098	2312300J006	098	2,276	250,36	2024	222,64	237,70	238,53	0,363		238,06	238,53	1000	761,94	761,47
SIH-IS-10	2211121P034	099	2312300J006	099	2,276	250,36	2024	222,64	239,20	239,9	0,362		239,56	239,9	1000	760,44	760,1
SIH-IS-10	2211121P034	100	2312300J006	100	2,276	250,36	2024	222,64	238,40	239,55	0,359		238,76	239,55	1000	761,24	760,45
SIH-IS-10	2211121P034	101	2312300J006	101	2,276	0		0,00	32,77	33,54	0,112		32,88	33,54			
SIH-IS-10	2211121P034	102	2312300J006	102	2,276	0		0,00	33,30	34,06	0,118		33,42	34,06			
SIH-IS-10	2211121P034	103	2312300J006	103	2,276	250,36	2024	222,64	239,70	240,04	0,377		240,08	240,04	1000	759,92	759,96
SIH-IS-10	2211121P034	104	2312300J006	104	2,276	250,36	2024	222,64	238,60	240,03	0,375		238,97	240,03	1000	761,03	759,97
SIH-IS-10	2211121P034	105	2312300J006	105	2,276	0		0,00	32,52	33,4	0,117		32,64	33,4			
SIH-IS-10	2211121P034	106	2312300J006	106	2,276	250,36	2024	222,64	236,20	236,68	0,354		236,55	236,68	1000	763,45	763,32
SIH-IS-10	2211121P034	107	2312300J006	107	2,276	250,36	2024	222,64	235,40	236,91	0,356		235,76	236,91	1000	764,24	763,09
SIH-IS-10	2211121P034	108	2312300J006	108	2,276	0		0,00	33,38	34,11	0,112		33,49	34,11			
SIH-IS-10	2211121P034	109	2312300J006	109	2,276	0		0,00	32,71	33,55	0,112		32,82	33,55			
SIH-IS-10	2211121P034	110	2312300J006	110	2,276	0		0,00	32,95	33,8	0,112		33,06	33,8			
SIH-IS-10	2211121P034	111	2312300J006	111	2,276	250,36	2024	222,64	238,40	239,76	0,372		238,77	239,76	1000	761,23	760,24
SIH-IS-10	2211121P034	112	2312300J006	112	2,276	250,36	2024	222,64	237,70	238,86	0,378		238,08	238,86	1000	761,92	761,14
SIH-IS-10	2211121P034	113	2312300J006	113	2,276	250,36	2024	222,64	239,00	239,19	0,380		239,38	239,19	1000	760,62	760,81
SIH-IS-10	2211121P034	114	2312300J006	114	2,276	250,36	2024	222,64	237,70	238,96	0,379		238,08	238,96	1000	761,92	761,04
SIH-IS-10	2211121P034	115	2312300J006	115	2,276	250,36	2024	222,64	236,40	236,88	0,353		236,75	236,88	1000	763,25	763,12
SIH-IS-10	2211121P034	116	2312300J006	116	2,276	250,36	2024	222,64	237,60	239,07	0,352		237,95	239,07	1000	762,05	760,93
SIH-IS-10	2211121P034	117	2312300J006	117	2,276	250,36	2024	222,64	238,00	239,3	0,355		238,35	239,3	1000	761,65	760,7
SIH-IS-10	2211121P034	118	2312300J006	118	2,276	250,36	2024	222,64	238,50	239,16	0,359		238,86	239,16	1000	761,14	760,84
SIH-IS-10	2211121P034	119	2312300J006	119	2,276	250,36	2024	222,64	236,90	238,07	0,362		237,26	238,07	1000	762,74	761,93
SIH-IS-10	2211121P034	120	2312300J006	120	2,276	250,36	2024	222,64	239,20	240,24	0,373		239,57	240,24	1000	760,43	759,76
SIH-IS-10	2211121P034	121	2312300J006	121	2,276	0		0,00	33,47	34,17	0,126		33,60	34,17			
SIH-IS-10	2211121P034	122	2312300J006	122	2,276	250,36	2024	222,64	235,70	237,04	0,359		236,06	237,04	1000	763,94	762,96
SIH-IS-10	2211121P034	123	2312300J006	123	2,276	250,36	2024	222,64	238,80	238,82	0,361		239,16	238,82	1000	760,84	761,18
SIH-IS-10	2211121P034	124	2312300J006	124	2,276	250,36	2024	222,64	237,90	239,01	0,354		238,25	239,01	1000	761,75	760,99
SIH-IS-10	2211121P034	125	2312300J006	125	2,276	250,36	2024	222,64	237,30	237,32	0,358		237,66	237,32	1000	762,34	762,68
SIH-IS-10	2211121P034	126	2312300J006	126	2,276	250,36	2024	222,64	238,10	239,36	0,355		238,45	239,36	1000	761,55	760,64

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-10	2211121P034	128	2312300J006	128	2,276	250,36	2024	222,64	239,30	239,73	0,380		239,68	239,73	1000	760,32	760,27
SIH-IS-11	2211121P030	002	2312300J004	002	2,311	18,026	1843	14,38	15,35	15,96	0,368		15,72	15,96			
SIH-IS-11	2211121P030	003	2312300J004	003	2,311	0		0,00	32,04	32,94	0,199		32,24	32,94			
SIH-IS-11	2211121P030	004	2312300J004	004	2,311	18,026	1843	14,38	15,01	15,74	0,370		15,38	15,74	100	84,62	84,26
SIH-IS-11	2211121P030	005	2312300J004	005	2,311	3,2354	1843	2,58	2,70	3,32	0,380		3,08	3,32	5	1,92	1,68
SIH-IS-11	2211121P030	007	2312300J004	007	2,311	3,2354	1843	2,58	2,70	3,33	0,382		3,08	3,33	5	1,92	1,67
SIH-IS-11	2211121P030	009	2312300J004	009	2,311	18,026	1843	14,38	15,31	16	0,375		15,68	16			
SIH-IS-11	2211121P030	010	2312300J004	010	2,311	0		0,00	32,00	32,82	0,191		32,19	32,82			
SIH-IS-11	2211121P030	011	2312300J004	011	2,311	18,026	1843	14,38	15,03	15,64	0,373		15,40	15,64	100	84,60	84,36
SIH-IS-11	2211121P030	012	2312300J004	012	2,311	3,2354	1843	2,58	2,66	3,22	0,521		3,19	3,22	5	1,81	1,78
SIH-IS-11	2211121P030	013	2312300J004	013	2,311	0		0,00	13,60	14,17	0,192		13,79	14,17			
SIH-IS-11	2211121P030	013	2312300J004	013	2,311	0		0,00		14,17	0,192		0,19	14,17			
SIH-IS-11	2211121P030	014	2312300J004	014	2,311	18,026	1843	14,38	15,30	15,92	0,371		15,67	15,92	500	484,33	484,08
SIH-IS-11	2211121P030	015	2312300J004	015	2,311	18,026	1843	14,38	14,94	15,48	0,368		15,31	15,48	5	-10,31	-10,48
SIH-IS-11	2211121P030	016	2312300J004	016	2,311	18,026	1843	14,38	14,79	15,41	0,367		15,16	15,41	5	-10,16	-10,41
SIH-IS-11	2211121P030	017	2312300J004	017	2,311	18,026	1843	14,38	14,69	15,3	0,372		15,06	15,3	5	-10,06	-10,3
SIH-IS-11	2211121P030	018	2312300J004	018	2,311	254,21	1843	202,73	213,90	215,63	0,372		214,27	215,63	1000	785,73	784,37
SIH-IS-11	2211121P030	019	2312300J004	019	2,311	254,21	1843	202,73	214,20	215,48	0,375		214,57	215,48	1000	785,43	784,52
SIH-IS-11	2211121P030	020	2312300J004	020	2,311	254,21	1843	202,73	214,10	214,75	0,369		214,47	214,75	1000	785,53	785,25
SIH-IS-11	2211121P030	021	2312300J004	021	2,311	254,21	1843	202,73	213,20	214,54	0,369		213,57	214,54	1000	786,43	785,46
SIH-IS-11	2211121P030	022	2312300J004	022	2,311	3,2354	1843	2,58	2,69	3,28	0,379		3,06	3,28	5	1,94	1,72
SIH-IS-11	2211121P030	023	2312300J004	023	2,311	0		0,00	31,66	32,25	0,191		31,85	32,25			
SIH-IS-11	2211121P030	024	2312300J004	024	2,311	18,026	1843	14,38	15,27	15,88	0,369		15,64	15,88	500	484,36	484,12
SIH-IS-11	2211121P030	025	2312300J004	025	2,311	18,026	1843	14,38	14,74	15,28	0,364		15,10	15,28	5	-10,10	-10,28
SIH-IS-11	2211121P030	026	2312300J004	026	2,311	0		0,00	27,97	28,61	0,080		28,05	28,61			
SIH-IS-11	2211121P030	027	2312300J004	027	2,311	0		0,00	24,38	25,13	0,082		24,46	25,13			
SIH-IS-11	2211121P030	028	2312300J004	028	2,311	18,026	1843	14,38	14,89	15,59	0,375		15,27	15,59	5	-10,27	-10,59
SIH-IS-11	2211121P030	029	2312300J004	029	2,311	0		0,00	29,00	29,7	0,194		29,19	29,7			
SIH-IS-11	2211121P030	030	2312300J004	030	2,311	0		0,00	29,56	30,36	0,196		29,76	30,36			
SIH-IS-11	2211121P030	031	2312300J004	031	2,311	0		0,00	25,72	26,5	0,192		25,91	26,5			
SIH-IS-11	2211121P030	033	2312300J004	033	2,311	254,21	1843	202,73	213,90	215,03	0,372		214,27	215,03	10000	9.785,73	9784,97
SIH-IS-11	2211121P030	034	2312300J004	034	2,311	254,21	1843	202,73	214,60	215,38	0,370		214,97	215,38	1000	785,03	784,62
SIH-IS-11	2211121P030	036	2312300J004	036	2,311	0		0,00	25,05	25,74	0,155		25,21	25,74			
SIH-IS-11	2211121P030	037	2312300J004	037	2,311	18,026	1843	14,38	14,83	15,41	0,373		15,20	15,41	5	-10,20	-10,41

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-11	2211121P030	038	2312300J004	038	2,311	0		0,00	45,07	45,17	0,051		45,12	45,17			
SIH-IS-11	2211121P030	039	2312300J004	039	2,311	0		0,00	28,81	29,49	0,000		28,81	29,49			
SIH-IS-11	2211121P030	040	2312300J004	040	2,311	254,21	1843	202,73	214,80	215,19	0,365		215,16	215,19			
SIH-IS-11	2211121P030	041	2312300J004	041	2,311	254,21	1843	202,73	214,60	215,92	0,370		214,97	215,92	1000	785,03	784,08
SIH-IS-11	2211121P030	042	2312300J004	042	2,311	254,21	1843	202,73	214,30	215,56	0,369		214,67	215,56	1000	785,33	784,44
SIH-IS-11	2211121P030	044	2312300J004	044	2,311	0		0,00	28,98	29,64	0,174		29,15	29,64			
SIH-IS-11	2211121P030	045	2312300J004	045	2,311	0		0,00	25,57	26,24	0,201		25,77	26,24			
SIH-IS-11	2211121P030	046	2312300J004	046	2,311	0		0,00	27,47	28,13	0,188		27,66	28,13			
SIH-IS-11	2211121P030	048	2312300J004	048	2,311	3,2354	1843	2,58	2,72	3,23	0,409		3,13	3,23	10	6,87	6,77
SIH-IS-11	2211121P030	049	2312300J004	049	2,311	254,21	1843	202,73	214,20	214,85	0,369		214,57	214,85			
SIH-IS-11	2211121P030	050	2312300J004	050	2,311	254,21	1843	202,73	213,90	215,24	0,364		214,26	215,24			
SIH-IS-11	2211121P030	051	2312300J004	051	2,311	254,21	1843	202,73	215,00	215,35	0,370		215,37	215,35			
SIH-IS-11	2211121P030	053	2312300J004	053	2,311	254,21	1843	202,73	217,20	217,82	0,411		217,61	217,82	1000	782,39	782,18
SIH-IS-11	2211121P030	054	2312300J004	054	2,311	254,21	1843	202,73	216,00	217,37	0,409		216,41	217,37	1000	783,59	782,63
SIH-IS-11	2211121P030	055	2312300J004	055	2,311	254,21	1843	202,73	214,90	215,55	0,368		215,27	215,55	1000	784,73	784,45
SIH-IS-11	2211121P030	056	2312300J004	056	2,311	254,21	1843	202,73	214,30	215,69	0,366		214,67	215,69	1000	785,33	784,31
SIH-IS-11	2211121P030	057	2312300J004	057	2,311	254,21	1843	202,73	213,70	215,06	0,370		214,07	215,06	1000	785,93	784,94
SIH-IS-11	2211121P030	058	2312300J004	058	2,311	254,21	1843	202,73	214,20	214,96	0,372		214,57	214,96	1000	785,43	785,04
SIH-IS-11	2211121P030	059	2312300J004	059	2,311	3,2354	1843	2,58	2,69	3,37	0,401		3,10	3,37	10	6,90	6,63
SIH-IS-11	2211121P030	060	2312300J004	060	2,311	3,2354	1843	2,58	2,70	3,39	0,405		3,10	3,39	10	6,90	6,61
SIH-IS-11	2211121P030	061	2312300J004	061	2,311	3,2354	1843	2,58	2,71	3,26	0,366		3,08	3,26			
SIH-IS-11	2211121P030	062	2312300J004	062	2,311	3,2354	1843	2,58	2,70	3,25	0,371		3,07	3,25			
SIH-IS-11	2211121P030	064	2312300J004	064	2,311	254,21	1843	202,73	216,20	216,25	0,407		216,61	216,25	1000	783,39	783,75
SIH-IS-11	2211121P030	065	2312300J004	065	2,311	254,21	1843	202,73	215,40	215,96	0,403		215,80	215,96	1000	784,20	784,04
SIH-IS-11	2211121P030	066	2312300J004	066	2,311	3,2354	1843	2,58	2,70	3,28	0,396		3,09	3,28	5	1,91	1,72
SIH-IS-11	2211121P030	067	2312300J004	067	2,311	3,2354	1843	2,58	2,69	3,26	0,398		3,08	3,26	5	1,92	1,74
SIH-IS-11	2211121P030	068	2312300J004	068	2,311	3,2354	1843	2,58	2,67	3,23	0,390		3,06	3,23	5	1,94	1,77
SIH-IS-11	2211121P030	069	2312300J004	069	2,311	3,2354	1843	2,58	2,69	3,21	0,389		3,08	3,21	5	1,93	1,79
SIH-IS-11	2211121P030	071	2312300J004	071	2,311	3,2354	1843	2,58	2,72	3,29	0,403		3,12	3,29	10	6,88	6,71
SIH-IS-11	2211121P030	072	2312300J004	072	2,311	3,2354	1843	2,58	2,70	3,29	0,367		3,06	3,29			
SIH-IS-11	2211121P030	073	2312300J004	073	2,311	0		0,00	26,85	27,5	0,066		26,92	27,5			
SIH-IS-11	2211121P030	074	2312300J004	074	2,311	3,2354	1843	2,58	2,70	3,2	0,370		3,07	3,2			
SIH-IS-11	2211121P030	075	2312300J004	075	2,311	0		0,00	31,16	31,72	0,154		31,31	31,72			
SIH-IS-11	2211121P030	076	2312300J004	076	2,311	0		0,00	30,31	31,1	0,154		30,46	31,1			
SIH-IS-11	2211121P030	077	2312300J004	077	2,311	0		0,00	29,84	30,64	0,155		30,00	30,64			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-11	2211121P030	078	2312300J004	078	2,311	0		0,00	22,51	23,31	0,066		22,58	23,31			
SIH-IS-11	2211121P030	079	2312300J004	079	2,311	0		0,00	22,36	23,12	0,202		22,56	23,12			
SIH-IS-11	2211121P030	080	2312300J004	080	2,311	0		0,00	22,45	23,12	0,200		22,65	23,12			
SIH-IS-11	2211121P030	081	2312300J004	081	2,311	0		0,00	22,34	23	0,206		22,55	23			
SIH-IS-11	2211121P030	083	2312300J004	083	2,311	3,2354	1843	2,58	2,70	3,35	0,372		3,07	3,35			
SIH-IS-11	2211121P030	084	2312300J004	084	2,311	0		0,00	27,13	27,8	0,064		27,19	27,8			
SIH-IS-11	2211121P030	085	2312300J004	085	2,311	3,2354	1843	2,58	2,74	3,38	0,363		3,10	3,38			
SIH-IS-11	2211121P030	086	2312300J004	086	2,311	254,21	1843	202,73	215,90	216,25	0,408		216,31	216,25	1000	783,69	783,75
SIH-IS-11	2211121P030	087	2312300J004	087	2,311	254,21	1843	202,73	215,80	217,09	0,409		216,21	217,09	1000	783,79	782,91
SIH-IS-11	2211121P030	088	2312300J004	088	2,311	254,21	1843	202,73	215,50	216,08	0,405		215,91	216,08	1000	784,09	783,92
SIH-IS-11	2211121P030	089	2312300J004	089	2,311	254,21	1843	202,73	215,90	215,73	0,406		216,31	215,73	1000	783,69	784,27
SIH-IS-11	2211121P030	090	2312300J004	090	2,311	3,2354	1843	2,58	2,72	3,19	0,391		3,11	3,19	5	1,89	1,81
SIH-IS-11	2211121P030	091	2312300J004	091	2,311	3,2354	1843	2,58	2,68	3,27	0,394		3,07	3,27	5	1,93	1,73
SIH-IS-11	2211121P030	092	2312300J004	092	2,311	3,2354	1843	2,58	2,69	3,25	0,398		3,08	3,25	5	1,92	1,75
SIH-IS-11	2211121P030	093	2312300J004	093	2,311	3,2354	1843	2,58	2,69	3,23	0,390		3,08	3,23	5	1,92	1,77
SIH-IS-11	2211121P030	095	2312300J004	095	2,311	3,2354	1843	2,58	2,71	3,2	0,362		3,07	3,2			
SIH-IS-11	2211121P030	096	2312300J004	096	2,311	3,2354	1843	2,58	2,70	3,28	0,368		3,07	3,28			
SIH-IS-11	2211121P030	097	2312300J004	097	2,311	254,21	1843	202,73	215,10	216,54	0,403		215,50	216,54	1000	784,50	783,46
SIH-IS-11	2211121P030	098	2312300J004	098	2,311	254,21	1843	202,73	217,00	218,04	0,405		217,41	218,04	1000	782,59	781,96
SIH-IS-11	2211121P030	099	2312300J004	099	2,311	254,21	1843	202,73	216,10	216,7	0,410		216,51	216,7	1000	783,49	783,3
SIH-IS-11	2211121P030	100	2312300J004	100	2,311	254,21	1843	202,73	214,10	214,9	0,404		214,50	214,9	1000	785,50	785,1
SIH-IS-11	2211121P030	101	2312300J004	101	2,311	3,2354	1843	2,58	2,68	3,26	0,390		3,07	3,26	5	1,93	1,74
SIH-IS-11	2211121P030	102	2312300J004	102	2,311	3,2354	1843	2,58	2,70	3,29	0,393		3,09	3,29	5	1,91	1,71
SIH-IS-11	2211121P030	105	2312300J004	105	2,311	3,2354	1843	2,58	2,72	3,35	0,361		3,08	3,35			
SIH-IS-11	2211121P030	106	2312300J004	106	2,311	0		0,00	27,24	27,89	0,189		27,43	27,89			
SIH-IS-11	2211121P030	107	2312300J004	107	2,311	0		0,00	17,03	17,72	0,102		17,13	17,72			
SIH-IS-11	2211121P030	108	2312300J004	108	2,311	254,21	1843	202,73	215,00	216,3	0,181		215,18	216,3			
SIH-IS-11	2211121P030	109	2312300J004	109	2,311	0		0,00	15,03	15,73	0,096		15,13	15,73			
SIH-IS-11	2211121P030	110	2312300J004	110	2,311	0		0,00	23,01	23,77	0,116		23,13	23,77			
SIH-IS-11	2211121P030	111	2312300J004	111	2,311	3,2354	1843	2,58	2,69	3,24	0,209		2,90	3,24			
SIH-IS-11	2211121P030	112	2312300J004	112	2,311	0		0,00	24,29	24,98	0,207		24,50	24,98			
SIH-IS-11	2211121P030	113	2312300J004	113	2,311	3,2354	1843	2,58	2,70	3,23	0,391		3,09	3,23	5	1,91	1,77
SIH-IS-11	2211121P030	114	2312300J004	114	2,311	3,2354	1843	2,58	2,70	3,2	0,394		3,10	3,2	5	1,90	1,8
SIH-IS-11	2211121P030	115	2312300J004	115	2,311	3,2354	1843	2,58	2,70	3,21	0,360		3,06	3,21			
SIH-IS-11	2211121P030	116	2312300J004	116	2,311	254,21	1843	202,73	215,40	216,69	0,213		215,61	216,69			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-11	2211121P030	117	2312300J004	117	2,311	3,2354	1843	2,58	2,71	3,27	0,215		2,92	3,27			
SIH-IS-11	2211121P030	118	2312300J004	118	2,311	3,2354	1843	2,58	2,70	3,26	0,212		2,91	3,26			
SIH-IS-11	2211121P030	119	2312300J004	119	2,311	3,2354	1843	2,58	2,71	3,21	0,209		2,92	3,21			
SIH-IS-11	2211121P030	120	2312300J004	120	2,311	3,2354	1843	2,58	2,71	3,2	0,395		3,10	3,2	5	1,90	1,8
SIH-IS-11	2211121P030	121	2312300J004	121	2,311	0		0,00	24,43	24,98	0,207		24,64	24,98			
SIH-IS-11	2211121P030	127	2312300J004	127	2,311	3,2354	1843	2,58	2,68	3,29	0,394		3,08	3,29	5	1,92	1,71
SIH-IS-11	2211121P030	128	2312300J004	128	2,311	0		0,00	24,06	24,66	0,206		24,27	24,66			
											0,000						
SIH-IS-12	2211121P033	005	2312300J005	005	2,088	2,9232	1896	2,65	2,79	3,42	0,333		3,13	3,42	10	6,87	6,58
SIH-IS-12	2211121P033	006	2312300J005	006	2,088	2,9232	1896	2,65	2,79	3,39	0,340		3,13	3,39	10	6,87	6,61
SIH-IS-12	2211121P033	010	2312300J005	010	2,088	229,68	1896	208,56	222,80	223,83	0,331		223,13	223,83	1000	776,87	776,17
SIH-IS-12	2211121P033	011	2312300J005	011	2,088	229,68	1896	208,56	221,90	223,49	0,339		222,24	223,49	1000	777,76	776,51
SIH-IS-12	2211121P033	012	2312300J005	012	2,088	2,9232	1896	2,65	2,78	3,34	0,304		3,09	3,34	10	6,92	6,66
SIH-IS-12	2211121P033	013	2312300J005	013	2,088	2,9232	1896	2,65	2,78	3,33	0,345		3,12	3,33	10	6,88	6,67
SIH-IS-12	2211121P033	018	2312300J005	018	2,088	229,68	1896	208,56	222,20	223,7	0,336		222,54	223,7	1000	777,46	776,3
SIH-IS-12	2211121P033	019	2312300J005	019	2,088	229,68	1896	208,56	221,60	222,33	0,333		221,93	222,33	1000	778,07	777,67
SIH-IS-12	2211121P033	020	2312300J005	020	2,088	0		0,00	31,78	32,39	0,109		31,89	32,39			
SIH-IS-12	2211121P033	021	2312300J005	021	2,088	2,9232	1896	2,65	2,77	3,36	0,338		3,11	3,36	50	46,89	46,64
SIH-IS-12	2211121P033	022	2312300J005	022	2,088	2,9232	1896	2,65	2,78	3,37	0,328		3,11	3,37	50	46,89	46,63
SIH-IS-12	2211121P033	023	2312300J005	023	2,088	2,9232	1896	2,65	2,79	3,31	0,342		3,14	3,31	30	26,86	26,69
SIH-IS-12	2211121P033	024	2312300J005	024	2,088	2,9232	1896	2,65	2,78	3,28	0,333		3,12	3,28	30	26,88	26,72
SIH-IS-12	2211121P033	029	2312300J005	029	2,088	229,68	1896	208,56	223,80	224,65	0,331		224,13	224,65	1000	775,87	775,35
SIH-IS-12	2211121P033	030	2312300J005	030	2,088	229,68	1896	208,56	221,90	223,51	0,330		222,23	223,51	1000	777,77	776,49
SIH-IS-12	2211121P033	031	2312300J005	031	2,088	0		0,00	31,73	32,53	0,110		31,84	32,53			
SIH-IS-12	2211121P033	032	2312300J005	032	2,088	2,9232	1896	2,65	2,79	3,42	0,338		3,13	3,42	50	46,87	46,58
SIH-IS-12	2211121P033	033	2312300J005	033	2,088	2,9232	1896	2,65	2,79	3,43	0,333		3,12	3,43	50	46,88	46,57
SIH-IS-12	2211121P033	034	2312300J005	034	2,088	2,9232	1896	2,65	2,78	3,45	0,335		3,12	3,45	30	26,88	26,55
SIH-IS-12	2211121P033	035	2312300J005	035	2,088	2,9232	1896	2,65	2,79	3,46	0,340		3,13	3,46	30	26,87	26,54
SIH-IS-12	2211121P033	039	2312300J005	039	2,088	0		0,00	31,95	32,71	0,109		32,06	32,71			
SIH-IS-12	2211121P033	041	2312300J005	041	2,088	229,68	1896	208,56	220,60	222,1	0,329		220,93	222,1	1000	779,07	777,9
SIH-IS-12	2211121P033	042	2312300J005	042	2,088	229,68	1896	208,56	222,50	223,08	0,336		222,84	223,08	1000	777,16	776,92
SIH-IS-12	2211121P033	043	2312300J005	043	2,088	2,9232	1896	2,65	2,78	3,34	0,331		3,11	3,34	50	46,89	46,66
SIH-IS-12	2211121P033	044	2312300J005	044	2,088	2,9232	1896	2,65	2,78	3,31	0,331		3,11	3,31	50	46,89	46,69
SIH-IS-12	2211121P033	045	2312300J005	045	2,088	2,9232	1896	2,65	2,78	3,29	0,339		3,12	3,29	30	26,88	26,71
SIH-IS-12	2211121P033	046	2312300J005	046	2,088	2,9232	1896	2,65	2,78	3,36	0,328		3,11	3,36	30	26,89	26,64

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-12	2211121P033	050	2312300J005	050	2,088	229,68	1896	208,56	222,10	222,63	0,342		222,44	222,63	1000	777,56	777,37
SIH-IS-12	2211121P033	051	2312300J005	051	2,088	229,68	1896	208,56	222,80	223,57	0,332		223,13	223,57	1000	776,87	776,43
SIH-IS-12	2211121P033	052	2312300J005	052	2,088	229,68	1896	208,56	222,90	224	0,333		223,23	224	1000	776,77	776
SIH-IS-12	2211121P033	053	2312300J005	053	2,088	229,68	1896	208,56	221,00	222,42	0,335		221,34	222,42	1000	778,66	777,58
SIH-IS-12	2211121P033	054	2312300J005	054	2,088	0		0,00	31,37	32,14	0,105		31,48	32,14			
SIH-IS-12	2211121P033	055	2312300J005	055	2,088	2,9232	1896	2,65	2,78	3,42	0,329		3,11	3,42	50	46,89	46,58
SIH-IS-12	2211121P033	056	2312300J005	056	2,088	2,9232	1896	2,65	2,79	3,4	0,336		3,13	3,4	50	46,87	46,6
SIH-IS-12	2211121P033	057	2312300J005	057	2,088	2,9232	1896	2,65	2,78	3,41	0,327		3,11	3,41	30	26,89	26,59
SIH-IS-12	2211121P033	058	2312300J005	058	2,088	2,9232	1896	2,65	2,79	3,43	0,335		3,12	3,43	30	26,88	26,57
SIH-IS-12	2211121P033	061	2312300J005	061	2,088	229,68	1896	208,56	223,30	223,92	0,341		223,64	223,92	1000	776,36	776,08
SIH-IS-12	2211121P033	062	2312300J005	062	2,088	229,68	1896	208,56	222,20	223,59	0,331		222,53	223,59	1000	777,47	776,41
SIH-IS-12	2211121P033	063	2312300J005	063	2,088	229,68	1896	208,56	223,20	223,63	0,345		223,55	223,63	1000	776,45	776,37
SIH-IS-12	2211121P033	064	2312300J005	064	2,088	229,68	1896	208,56	221,80	223,26	0,344		222,14	223,26	1000	777,86	776,74
SIH-IS-12	2211121P033	065	2312300J005	065	2,088	229,68	1896	208,56	222,20	223,7	0,333		222,53	223,7	1000	777,47	776,3
SIH-IS-12	2211121P033	066	2312300J005	066	2,088	229,68	1896	208,56	221,80	222,53	0,330		222,13	222,53	1000	777,87	777,47
SIH-IS-12	2211121P033	067	2312300J005	067	2,088	2,9232	1896	2,65	2,76	3,33	0,329		3,08	3,33	100	96,92	96,67
SIH-IS-12	2211121P033	068	2312300J005	068	2,088	2,9232	1896	2,65	2,76	3,31	0,333		3,10	3,31	100	96,90	96,69
SIH-IS-12	2211121P033	073	2312300J005	073	2,088	229,68	1896	208,56	222,00	222,65	0,347		222,35	222,65	1000	777,65	777,35
SIH-IS-12	2211121P033	074	2312300J005	074	2,088	229,68	1896	208,56	221,80	222,99	0,337		222,14	222,99	1000	777,86	777,01
SIH-IS-12	2211121P033	075	2312300J005	075	2,088	0		0,00	31,56	32,17	0,110		31,67	32,17			
SIH-IS-12	2211121P033	076	2312300J005	076	2,088	229,68	1896	208,56	220,90	222,41	0,337		221,24	222,41	1000	778,76	777,59
SIH-IS-12	2211121P033	077	2312300J005	077	2,088	229,68	1896	208,56	221,10	221,69	0,337		221,44	221,69	1000	778,56	778,31
SIH-IS-12	2211121P033	078	2312300J005	078	2,088	2,9232	1896	2,65	2,75	3,38	0,341		3,09	3,38	100	96,91	96,62
SIH-IS-12	2211121P033	079	2312300J005	079	2,088	2,9232	1896	2,65	2,75	3,38	0,340		3,09	3,38	100	96,91	96,62
SIH-IS-12	2211121P033	080	2312300J005	080	2,088	229,68	1896	208,56	221,90	222,79	0,345		222,24	222,79	1000	777,76	777,21
SIH-IS-12	2211121P033	081	2312300J005	081	2,088	229,68	1896	208,56	221,40	222,44	0,345		221,75	222,44	1000	778,25	777,56
SIH-IS-12	2211121P033	084	2312300J005	084	2,088	229,68	1896	208,56	221,90	223,11	0,347		222,25	223,11	1000	777,75	776,89
SIH-IS-12	2211121P033	085	2312300J005	085	2,088	229,68	1896	208,56	220,30	222,01	0,337		220,64	222,01	1000	779,36	777,99
SIH-IS-12	2211121P033	086	2312300J005	086	2,088	229,68	1896	208,56	221,60	222,3	0,339		221,94	222,3	1000	778,06	777,7
SIH-IS-12	2211121P033	087	2312300J005	087	2,088	229,68	1896	208,56	220,90	222,29	0,331		221,23	222,29	1000	778,77	777,71
SIH-IS-12	2211121P033	088	2312300J005	088	2,088	229,68	1896	208,56	220,50	221,38	0,335		220,83	221,38	1000	779,17	778,62
SIH-IS-12	2211121P033	089	2312300J005	089	2,088	229,68	1896	208,56	221,30	222,62	0,332		221,63	222,62	1000	778,37	777,38
SIH-IS-12	2211121P033	090	2312300J005	090	2,088	0		0,00	25,38	26,04	0,133		25,51	26,04			
SIH-IS-12	2211121P033	091	2312300J005	091	2,088	229,68	1896	208,56	221,70	222,63	0,353		222,05	222,63	1000	777,95	777,37
SIH-IS-12	2211121P033	092	2312300J005	092	2,088	229,68	1896	208,56	221,10	221,79	0,353		221,45	221,79	1000	778,55	778,21

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-12	2211121P033	093	2312300J005	093	2,088	0		0,00	31,77	32,23	0,139		31,91	32,23			
SIH-IS-12	2211121P033	096	2312300J005	096	2,088	0		0,00	31,30	32,09	0,135		31,43	32,09			
SIH-IS-12	2211121P033	097	2312300J005	097	2,088	229,68	1896	208,56	220,60	221,22	0,334		220,93	221,22	1000	779,07	778,78
SIH-IS-12	2211121P033	098	2312300J005	098	2,088	229,68	1896	208,56	220,90	222,62	0,343		221,24	222,62	1000	778,76	777,38
SIH-IS-12	2211121P033	099	2312300J005	099	2,088	229,68	1896	208,56	221,90	222,25	0,341		222,24	222,25	1000	777,76	777,75
SIH-IS-12	2211121P033	100	2312300J005	100	2,088	229,68	1896	208,56	221,00	222,07	0,339		221,34	222,07	1000	778,66	777,93
SIH-IS-12	2211121P033	101	2312300J005	101	2,088	0		0,00	31,54	32,18	0,134		31,67	32,18			
SIH-IS-12	2211121P033	102	2312300J005	102	2,088	0		0,00	31,79	32,67	0,136		31,93	32,67			
SIH-IS-12	2211121P033	103	2312300J005	103	2,088	229,68	1896	208,56	221,20	221,67	0,351		221,55	221,67	1000	778,45	778,33
SIH-IS-12	2211121P033	104	2312300J005	104	2,088	229,68	1896	208,56	220,60	222,02	0,349		220,95	222,02	1000	779,05	777,98
SIH-IS-12	2211121P033	105	2312300J005	105	2,088	0		0,00	31,56	32,45	0,105		31,67	32,45			
SIH-IS-12	2211121P033	106	2312300J005	106	2,088	229,68	1896	208,56	220,90	222,31	0,334		221,23	222,31	1000	778,77	777,69
SIH-IS-12	2211121P033	107	2312300J005	107	2,088	229,68	1896	208,56	221,80	222,63	0,336		222,14	222,63	1000	777,86	777,37
SIH-IS-12	2211121P033	108	2312300J005	108	2,088	0		0,00	31,58	32,38	0,135		31,72	32,38			
SIH-IS-12	2211121P033	109	2312300J005	109	2,088	0		0,00	31,64	32,52	0,106		31,75	32,52			
SIH-IS-12	2211121P033	110	2312300J005	110	2,088	0		0,00	31,34	32,21	0,106		31,45	32,21			
SIH-IS-12	2211121P033	111	2312300J005	111	2,088	229,68	1896	208,56	221,50	222,14	0,347		221,85	222,14	1000	778,15	777,86
SIH-IS-12	2211121P033	112	2312300J005	112	2,088	229,68	1896	208,56	220,80	222,22	0,354		221,15	222,22	1000	778,85	777,78
SIH-IS-12	2211121P033	113	2312300J005	113	2,088	229,68	1896	208,56	220,90	221,97	0,358		221,26	221,97	1000	778,74	778,03
SIH-IS-12	2211121P033	114	2312300J005	114	2,088	229,68	1896	208,56	220,30	220,85	0,358		220,66	220,85	1000	779,34	779,15
SIH-IS-12	2211121P033	115	2312300J005	115	2,088	229,68	1896	208,56	221,80	222,85	0,334		222,13	222,85	1000	777,87	777,15
SIH-IS-12	2211121P033	116	2312300J005	116	2,088	229,68	1896	208,56	220,90	221,87	0,332		221,23	221,87	1000	778,77	778,13
SIH-IS-12	2211121P033	117	2312300J005	117	2,088	229,68	1896	208,56	221,50	222,68	0,335		221,83	222,68	1000	778,17	777,32
SIH-IS-12	2211121P033	118	2312300J005	118	2,088	229,68	1896	208,56	220,40	221,44	0,338		220,74	221,44	1000	779,26	778,56
SIH-IS-12	2211121P033	119	2312300J005	119	2,088	229,68	1896	208,56	220,20	221,47	0,343		220,54	221,47	1000	779,46	778,53
SIH-IS-12	2211121P033	120	2312300J005	120	2,088	229,68	1896	208,56	220,90	222,34	0,346		221,25	222,34	1000	778,75	777,66
SIH-IS-12	2211121P033	121	2312300J005	121	2,088	0		0,00	31,48	32,25	0,110		31,59	32,25			
SIH-IS-12	2211121P033	122	2312300J005	122	2,088	229,68	1896	208,56	222,40	223,36	0,342		222,74	223,36	1000	777,26	776,64
SIH-IS-12	2211121P033	123	2312300J005	123	2,088	229,68	1896	208,56	221,60	222,98	0,345		221,95	222,98	1000	778,05	777,02
SIH-IS-12	2211121P033	124	2312300J005	124	2,088	229,68	1896	208,56	222,30	222,59	0,335		222,63	222,59	1000	777,37	777,41
SIH-IS-12	2211121P033	125	2312300J005	125	2,088	229,68	1896	208,56	220,60	221,84	0,339		220,94	221,84	1000	779,06	778,16
SIH-IS-12	2211121P033	126	2312300J005	126	2,088	229,68	1896	208,56	222,00	222,47	0,331		222,33	222,47	1000	777,67	777,53
SIH-IS-12	2211121P033	128	2312300J005	128	2,088	229,68	1896	208,56	219,90	221,22	0,359		220,26	221,22	1000	779,74	778,78
											0,000						
SIH-IS-13	2211121P029	002	2312300J003	002	2,183	17,027	1748	13,63	14,22	14,93	0,378		14,60	14,93	100	85,40	85,07

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-13	2211121P029	003	2312300J003	003	2,183	0		0,00	30,45	31,19	0,173		30,62	31,19			
SIH-IS-13	2211121P029	004	2312300J003	004	2,183	17,027	1748	13,63	14,13	14,87	0,378		14,51	14,87	100	85,49	85,13
SIH-IS-13	2211121P029	005	2312300J003	005	2,183	3,0562	1748	2,45	2,53	3,18	0,382		2,91	3,18	5	2,09	1,82
SIH-IS-13	2211121P029	007	2312300J003	007	2,183	3,0562	1748	2,45	2,54	3,17	0,384		2,92	3,17	5	2,08	1,83
SIH-IS-13	2211121P029	009	2312300J003	009	2,183	17,027	1748	13,63	14,15	14,92	0,386		14,54	14,92	100	85,46	85,08
SIH-IS-13	2211121P029	010	2312300J003	010	2,183	0		0,00	30,43	31,37	0,204		30,63	31,37			
SIH-IS-13	2211121P029	011	2312300J003	011	2,183	17,027	1748	13,63	14,19	14,83	0,380		14,57	14,83	100	85,43	85,17
SIH-IS-13	2211121P029	012	2312300J003	012	2,183	3,0562	1748	2,45	2,52	3,08	0,345		2,87	3,08	5	2,13	1,92
SIH-IS-13	2211121P029	013	2312300J003	013	2,183	0		0,00	13,02	13,68	0,173		13,19	13,68			
SIH-IS-13	2211121P029	013	2312300J003	013	2,183	0		0,00		13,68	0,174		0,17	13,68			
SIH-IS-13	2211121P029	014	2312300J003	014	2,183	17,027	1748	13,63	14,13	14,67	0,382		14,51	14,67	500	485,49	485,33
SIH-IS-13	2211121P029	015	2312300J003	015	2,183	3,0562	1748	2,45	13,96	14,58	0,403		14,36	14,58	5	-9,36	-9,58
SIH-IS-13	2211121P029	016	2312300J003	016	2,183	3,0562	1748	2,45	14,01	14,71	0,401		14,41	14,71	5	-9,41	-9,71
SIH-IS-13	2211121P029	017	2312300J003	017	2,183	3,0562	1748	2,45	13,96	14,56	0,409		14,37	14,56	5	-9,37	-9,56
SIH-IS-13	2211121P029	018	2312300J003	018	2,183	240,13	1748	192,28	201,20	201,78	0,383		201,58	201,78	1000	798,42	798,22
SIH-IS-13	2211121P029	019	2312300J003	019	2,183	240,13	1748	192,28	200,30	201,55	0,386		200,69	201,55	1000	799,31	798,45
SIH-IS-13	2211121P029	020	2312300J003	020	2,183	240,13	1748	192,28	200,10	200,36	0,384		200,48	200,36	1000	799,52	799,64
SIH-IS-13	2211121P029	021	2312300J003	021	2,183	240,13	1748	192,28	199,50	200,84	0,383		199,88	200,84	1000	800,12	799,16
SIH-IS-13	2211121P029	022	2312300J003	022	2,183	3,0562	1748	2,45	2,52	3,12	0,382		2,90	3,12	5	2,10	1,88
SIH-IS-13	2211121P029	023	2312300J003	023	2,183	0		0,00	30,37	31,23	0,174		30,54	31,23			
SIH-IS-13	2211121P029	024	2312300J003	024	2,183	17,027	1748	13,63	14,06	14,66	0,382		14,44	14,66	500	485,56	485,34
SIH-IS-13	2211121P029	025	2312300J003	025	2,183	17,027	1748	13,63	14,15	14,66	0,402		14,55	14,66	5	-9,55	-9,66
SIH-IS-13	2211121P029	026	2312300J003	026	2,183	0		0,00	21,05	21,79	0,062		21,11	21,79			
SIH-IS-13	2211121P029	027	2312300J003	027	2,183	0		0,00	21,74	22,39	0,062		21,80	22,39			
SIH-IS-13	2211121P029	028	2312300J003	028	2,183	17,027	1748	13,63	13,97	14,69	0,412		14,38	14,69	5	-9,38	-9,69
SIH-IS-13	2211121P029	029	2312300J003	029	2,183	0		0,00	26,08	26,94	0,180		26,26	26,94			
SIH-IS-13	2211121P029	030	2312300J003	030	2,183	0		0,00	26,51	27,32	0,180		26,69	27,32			
SIH-IS-13	2211121P029	031	2312300J003	031	2,183	0		0,00	26,11	27,03	0,181		26,29	27,03			
SIH-IS-13	2211121P029	033	2312300J003	033	2,183	240,13	1748	192,28	199,40	200,73	0,381		199,78	200,73	1000	800,22	799,27
SIH-IS-13	2211121P029	034	2312300J003	034	2,183	240,13	1748	192,28	200,00	200,84	0,379		200,38	200,84	1000	799,62	799,16
SIH-IS-13	2211121P029	036	2312300J003	036	2,183	0		0,00	24,24	25,01	0,148		24,39	25,01			
SIH-IS-13	2211121P029	037	2312300J003	037	2,183	17,027	1748	13,63	13,93	14,54	0,408		14,34	14,54	5	-9,34	-9,54
SIH-IS-13	2211121P029	038	2312300J003	038	2,183	0		0,00	21,83	22,4	0,064		21,89	22,4			
SIH-IS-13	2211121P029	039	2312300J003	039	2,183	0		0,00	21,76	22,36	0,064		21,82	22,36			
SIH-IS-13	2211121P029	040	2312300J003	040	2,183	240,13	1748	192,28	201,50	202,34	0,401		201,90	202,34	1000	798,10	797,66

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-13	2211121P029	041	2312300J003	041	2,183	240,13	1748	192,28	199,90	200,38	0,375		200,27	200,38	1000	799,73	799,62
SIH-IS-13	2211121P029	042	2312300J003	042	2,183	240,13	1748	192,28	199,60	200,71	0,376		199,98	200,71	1000	800,02	799,29
SIH-IS-13	2211121P029	044	2312300J003	044	2,183	0		0,00	26,53	27,11	0,181		26,71	27,11			
SIH-IS-13	2211121P029	045	2312300J003	045	2,183	0		0,00	26,30	27,01	0,182		26,48	27,01			
SIH-IS-13	2211121P029	046	2312300J003	046	2,183	0		0,00	26,05	26,84	0,183		26,23	26,84			
SIH-IS-13	2211121P029	048	2312300J003	048	2,183	3,0562	1748	2,45	2,53	3,07	0,437		2,97	3,07	10	7,03	6,93
SIH-IS-13	2211121P029	049	2312300J003	049	2,183	240,13	1748	192,28	202,20	202,71	0,404		202,60	202,71	1000	797,40	797,29
SIH-IS-13	2211121P029	050	2312300J003	050	2,183	240,13	1748	192,28	201,90	203,01	0,398		202,30	203,01	1000	797,70	796,99
SIH-IS-13	2211121P029	051	2312300J003	051	2,183	240,13	1748	192,28	208,30	208,85	0,406		208,71	208,85	1000	791,29	791,15
SIH-IS-13	2211121P029	053	2312300J003	053	2,183	240,13	1748	192,28	202,40	203,38	0,435		202,83	203,38	1000	797,17	796,62
SIH-IS-13	2211121P029	054	2312300J003	054	2,183	240,13	1748	192,28	202,00	203,11	0,435		202,43	203,11	1000	797,57	796,89
SIH-IS-13	2211121P029	055	2312300J003	055	2,183	240,13	1748	192,28	201,00	202,12	0,381		201,38	202,12	1000	798,62	797,88
SIH-IS-13	2211121P029	056	2312300J003	056	2,183	240,13	1748	192,28	200,50	201,87	0,377		200,88	201,87	1000	799,12	798,13
SIH-IS-13	2211121P029	057	2312300J003	057	2,183	240,13	1748	192,28	199,00	200,07	0,385		199,39	200,07	1000	800,61	799,93
SIH-IS-13	2211121P029	058	2312300J003	058	2,183	240,13	1748	192,28	198,80	199,84	0,388		199,19	199,84	1000	800,81	800,16
SIH-IS-13	2211121P029	059	2312300J003	059	2,183	3,0562	1748	2,45	2,53	3,2	0,430		2,96	3,2	10	7,04	6,8
SIH-IS-13	2211121P029	060	2312300J003	060	2,183	3,0562	1748	2,45	2,53	3,22	0,432		2,96	3,22	10	7,04	6,78
SIH-IS-13	2211121P029	061	2312300J003	061	2,183	3,0562	1748	2,45	2,54	3,18	0,405		2,95	3,18	10	7,05	6,82
SIH-IS-13	2211121P029	062	2312300J003	062	2,183	3,0562	1748	2,45	2,53	3,09	0,411		2,94	3,09	10	7,06	6,91
SIH-IS-13	2211121P029	064	2312300J003	064	2,183	240,13	1748	192,28	202,60	203,13	0,428		203,03	203,13	1000	796,97	796,87
SIH-IS-13	2211121P029	065	2312300J003	065	2,183	240,13	1748	192,28	202,10	202,92	0,425		202,52	202,92	1000	797,48	797,08
SIH-IS-13	2211121P029	066	2312300J003	066	2,183	3,0562	1748	2,45	2,56	3,13	0,417		2,98	3,13	5	2,02	1,87
SIH-IS-13	2211121P029	067	2312300J003	067	2,183	3,0562	1748	2,45	2,54	3,11	0,419		2,96	3,11	5	2,04	1,89
SIH-IS-13	2211121P029	068	2312300J003	068	2,183	3,0562	1748	2,45	2,51	3,07	0,415		2,93	3,07	5	2,07	1,93
SIH-IS-13	2211121P029	069	2312300J003	069	2,183	3,0562	1748	2,45	2,52	3,05	0,415		2,94	3,05	5	2,06	1,95
SIH-IS-13	2211121P029	071	2312300J003	071	2,183	3,0562	1748	2,45	2,53	3,12	0,428		2,96	3,12	10	7,04	6,88
SIH-IS-13	2211121P029	072	2312300J003	072	2,183	3,0562	1748	2,45	2,53	3,12	0,405		2,94	3,12	10	7,06	6,88
SIH-IS-13	2211121P029	073	2312300J003	073	2,183	0		0,00	24,84	25,54	0,082		24,92	25,54			
SIH-IS-13	2211121P029	074	2312300J003	074	2,183	3,0562	1748	2,45	2,55	3,04	0,409		2,96	3,04	10	7,04	6,96
SIH-IS-13	2211121P029	075	2312300J003	075	2,183	0		0,00	29,50	30,48	0,143		29,64	30,48			
SIH-IS-13	2211121P029	076	2312300J003	076	2,183	0		0,00	27,46	28,16	0,149		27,61	28,16			
SIH-IS-13	2211121P029	077	2312300J003	077	2,183	0		0,00	27,56	28,22	0,150		27,71	28,22			
SIH-IS-13	2211121P029	078	2312300J003	078	2,183	0		0,00	20,40	21,02	0,196		20,60	21,02			
SIH-IS-13	2211121P029	079	2312300J003	079	2,183	0		0,00	20,76	21,46	0,195		20,96	21,46			
SIH-IS-13	2211121P029	080	2312300J003	080	2,183	0		0,00	20,55	21,33	0,194		20,74	21,33			

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS)	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-13	2211121P029	081	2312300J003	081	2,183	0		0,00	20,48	21,09	0,196		20,68	21,09			
SIH-IS-13	2211121P029	083	2312300J003	083	2,183	3,0562	1748	2,45	2,55	3,2	0,415		2,96	3,2	10	7,04	6,8
SIH-IS-13	2211121P029	084	2312300J003	084	2,183	0		0,00	24,97	25,63	0,081		25,05	25,63			
SIH-IS-13	2211121P029	085	2312300J003	085	2,183	3,0562	1748	2,45	2,65	3,22	0,405		3,06	3,22	10	6,94	6,78
SIH-IS-13	2211121P029	086	2312300J003	086	2,183	240,13	1748	192,28	203,30	204,1	0,435		203,73	204,1	1000	796,27	795,9
SIH-IS-13	2211121P029	087	2312300J003	087	2,183	240,13	1748	192,28	202,20	202,91	0,434		202,63	202,91	1000	797,37	797,09
SIH-IS-13	2211121P029	088	2312300J003	088	2,183	240,13	1748	192,28	201,20	202,55	0,430		201,63	202,55	1000	798,37	797,45
SIH-IS-13	2211121P029	089	2312300J003	089	2,183	240,13	1748	192,28	201,40	202,01	0,429		201,83	202,01	1000	798,17	797,99
SIH-IS-13	2211121P029	090	2312300J003	090	2,183	3,0562	1748	2,45	2,54	3,03	0,415		2,95	3,03	5	2,05	1,97
SIH-IS-13	2211121P029	091	2312300J003	091	2,183	3,0562	1748	2,45	2,52	3,12	0,417		2,94	3,12	5	2,06	1,88
SIH-IS-13	2211121P029	092	2312300J003	092	2,183	3,0562	1748	2,45	2,51	3,09	0,422		2,93	3,09	5	2,07	1,91
SIH-IS-13	2211121P029	093	2312300J003	093	2,183	3,0562	1748	2,45	2,55	3,08	0,413		2,96	3,08	5	2,04	1,92
SIH-IS-13	2211121P029	095	2312300J003	095	2,183	3,0562	1748	2,45	2,55	3,04	0,405		2,96	3,04	10	7,04	6,96
SIH-IS-13	2211121P029	096	2312300J003	096	2,183	3,0562	1748	2,45	2,54	3,12	0,411		2,95	3,12	10	7,05	6,88
SIH-IS-13	2211121P029	097	2312300J003	097	2,183	240,13	1748	192,28	204,00	204,31	0,429		204,43	204,31	1000	795,57	795,69
SIH-IS-13	2211121P029	098	2312300J003	098	2,183	240,13	1748	192,28	202,70	203,27	0,432		203,13	203,27	1000	796,87	796,73
SIH-IS-13	2211121P029	099	2312300J003	099	2,183	240,13	1748	192,28	200,30	201,56	0,434		200,73	201,56	1000	799,27	798,44
SIH-IS-13	2211121P029	100	2312300J003	100	2,183	240,13	1748	192,28	202,50	202,63	0,429		202,93	202,63	1000	797,07	797,37
SIH-IS-13	2211121P029	101	2312300J003	101	2,183	3,0562	1748	2,45	2,53	3,11	0,404		2,93	3,11	5	2,07	1,89
SIH-IS-13	2211121P029	102	2312300J003	102	2,183	3,0562	1748	2,45	2,52	3,12	0,407		2,93	3,12	5	2,07	1,88
SIH-IS-13	2211121P029	105	2312300J003	105	2,183	3,0562	1748	2,45	2,55	3,19	0,400		2,95	3,19	10	7,05	6,81
SIH-IS-13	2211121P029	106	2312300J003	106	2,183	0		0,00	25,88	26,58	0,217		26,10	26,58			
SIH-IS-13	2211121P029	107	2312300J003	107	2,183	0		0,00	32,78	33,45	0,102		32,88	33,45			
SIH-IS-13	2211121P029	108	2312300J003	108	2,183	240,13	1748	192,28	199,80	201,31	0,182		199,98	201,31	1000	800,02	798,69
SIH-IS-13	2211121P029	109	2312300J003	109	2,183	0		0,00	13,47	14,18	0,103		13,57	14,18			
SIH-IS-13	2211121P029	110	2312300J003	110	2,183	0		0,00	13,45	14,23	0,097		13,55	14,23			
SIH-IS-13	2211121P029	111	2312300J003	111	2,183	3,0562	1748	2,45	2,54	3,1	0,210		2,75	3,1	5	2,25	1,9
SIH-IS-13	2211121P029	112	2312300J003	112	2,183	0		0,00	22,00	22,69	0,194		22,19	22,69			
SIH-IS-13	2211121P029	113	2312300J003	113	2,183	3,0562	1748	2,45	2,53	3,06	0,408		2,93	3,06	5	2,07	1,94
SIH-IS-13	2211121P029	114	2312300J003	114	2,183	3,0562	1748	2,45	2,54	3,03	0,413		2,95	3,03	5	2,05	1,97
SIH-IS-13	2211121P029	115	2312300J003	115	2,183	3,0562	1748	2,45	2,54	3,04	0,401		2,94	3,04	10	7,06	6,96
SIH-IS-13	2211121P029	116	2312300J003	116	2,183	240,13	1748	192,28	200,50	201,19	0,182		200,68	201,19	1000	799,32	798,81
SIH-IS-13	2211121P029	117	2312300J003	117	2,183	3,0562	1748	2,45	2,54	3,11	0,181		2,72	3,11	5	2,28	1,89
SIH-IS-13	2211121P029	118	2312300J003	118	2,183	3,0562	1748	2,45	2,55	3,09	0,216		2,76	3,09	5	2,24	1,91
SIH-IS-13	2211121P029	119	2312300J003	119	2,183	3,0562	1748	2,45	2,53	3,05	0,213		2,74	3,05	5	2,26	1,95

CVV external											SVM		CVV ext. total		Req.	Delta Resistance in (Ω)	
Harness Bundle	From Connector	Pin	To Connector	Pin	CATIA Harness Lth (m)	Predicted Wire Resistance in (Ω)	as built length (m)- measured by CASA/ASSE	Calculated Wire Resistance in (Ω)	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	meas. wire resistance (Ω) CASA/ASSE	meas. wire resistance (Ω) ASED / IDAS	overall resistance (Ω) CASA / ASSE	overall resistance (Ω) ASED / IDAS	Resistance (Ω) Required	delta wire resistance (Ω) CASA/ASSE	delta wire resistance (Ω) ASED / IDAS
SIH-IS-13	2211121P029	120	2312300J003	120	2,183	3,0562	1748	2,45	2,53	3,04	0,411		2,94	3,04	5	2,06	1,96
SIH-IS-13	2211121P029	121	2312300J003	121	2,183	0		0,00	22,30	22,86	0,194		22,49	22,86			
SIH-IS-13	2211121P029	127	2312300J003	127	2,183	3,0562	1748	2,45	2,54	3,14	0,409		2,95	3,14	5	2,05	1,86
SIH-IS-13	2211121P029	128	2312300J003	128	2,183	0		0,00	22,14	22,84	0,195		22,33	22,84			

7 ANNEX 4 : HERSCHEL CRYO HAR. CAPACITANCE

4 - 1 Capacity Verification PACS Harness

4 - 2 Capacity Verification SPIRE Harness internal

4 - 3 Capacity Verification SPIRE Harness external

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Designation					Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)				CVV int. Harness				CVV I/F-CB to OBA CU's					
Harness Bundle	Cable_ID	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	condu.	C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)			
															C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 01	001	Shielded cable, CRE DC/logic supply 1	FPFPU	P11	DEC	P153		H11138(2)	SST	47,7	28,4			2,515	119,966	71,426	0	0	2,47	117,819	70,148	0	0
Bundle 01	001	Shielded cable, CRE DC/logic supply 1	FPFPU	P11	DEC	P153	1	H11138(8)	SST	47,7	28,4			2,515	119,966	71,426	0	0	2,47	117,819	70,148	0	0
Bundle 01	002	Shielded cable, CRE DC supply 1	FPFPU	P10	DEC	P151		H24138(6)	SST	48,5	24,4			2,524	122,414	61,5856	0	0	2,46	119,31	60,024	0	0
Bundle 01	002	Shielded cable, CRE DC supply 1	FPFPU	P10	DEC	P151	1	H24138(16)	SST	48,5	24,4			2,524	122,414	61,5856	0	0	2,46	119,31	60,024	0	0
Bundle 01	003	Shielded cable, Det: Bias supply 1	FPFPU	P10	DEC	P151	1	H06138	SST	75,5	24,3			2,524	190,562	61,3332	0	0	2,46	185,73	59,778	0	0
Bundle 01	017	Triax cable, CRE-Out line group1 out_1_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	018	Triax cable, CRE-Out line group1 out_2_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	019	Triax cable, CRE-Out line group1 out_3_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	020	Triax cable, CRE-Out line group1 out_4_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	021	Triax cable, CRE-Out line group1 out_5_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	022	Triax cable, CRE-Out line group1 out_6_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	023	Triax cable, CRE-Out line group1 out_7_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	013a	Shielded cable, Outrefa_1	FPFPU	P12	DEC	P155	1	H01238	SST	64,7		146,6	44,3	2,507	162,203	0	367,526	111,06	2,465	159,486	0	361,369	109,2
Bundle 01	024	Triax cable, CRE-Out line group1 out_8_1	FPFPU	P13	DEC	P157	1	H01238	SST	64,7		146,6	44,3	2,512	162,526	0	368,259	111,282	2,44	157,868	0	357,704	108,092
Bundle 01	025	Triax cable, CRE-Out line group1 out_9_1	FPFPU	P13	DEC	P157	1	H01238	SST	64,7		146,6	44,3	2,512	162,526	0	368,259	111,282	2,44	157,868	0	357,704	108,092
Bundle 01	026	Triax cable, CRE-Out line group1 out_10_1	FPFPU	P13	DEC	P157	1	H01238	SST	64,7		146,6	44,3	2,512	162,526	0	368,259	111,282	2,44	157,868	0	357,704	108,092
Bundle 01	027	Triax cable, CRE-Out line group1 out_11_1	FPFPU	P13	DEC	P157	1	H01238	SST	64,7		146,6	44,3	2,512	162,526	0	368,259	111,282	2,44	157,868	0	357,704	108,092
Bundle 01	028	Triax cable, CRE-Out line group1 out_12_1	FPFPU	P13	DEC	P157	1	H01238	SST	64,7		146,6	44,3	2,512	162,526	0	368,259	111,282	2,44	157,868	0	357,704	108,092
Bundle 01	029	Triax cable, CRE-Out line group1 out_13_1	FPFPU	P13	DEC	P157	1	H01238	SST	64,7		146,6	44,3	2,512	162,526	0	368,259	111,282	2,44	157,868	0	357,704	108,092
Bundle 01	030	Shielded cable, Synch_1	FPFPU	P13	DEC	P157	1	H02138	SST	46,9	28,5			2,512	117,813	71,592	0	0	2,44	114,436	69,54	0	0
Bundle 01	031	Shielded cable, Clock_1	FPFPU	P13	DEC	P157	1	H02138	SST	46,9	28,5			2,512	117,813	71,592	0	0	2,44	114,436	69,54	0	0
Bundle 01	013b	Shielded cable, Outrefb_1	FPFPU	P13	DEC	P157	1	H01238	SST	64,7		146,6	44,3	2,512	162,526	0	368,259	111,282	2,44	157,868	0	357,704	108,092
Bundle 01	075	Shielded cable, Temp.sens Tsens1/2	FPFPU	P14	DEC	P178	1	H11138	SST	47,7	28,4			2,512	119,822	71,3408	0	0	2,46	117,342	69,864	0	0
Bundle 02	004	Shielded cable, CRE DC/logic supply 2	FPFPU	P17	DEC	P164		H11138(2)	SST	47,7	28,4			2,437	116,245	69,2108	0	0	2,3	109,71	65,32	0	0
Bundle 02	005	Shielded cable, CRE DC supply 1	FPFPU	P18	DEC	P164		H24138(6)	SST	48,5	24,4			2,44	118,34	59,536	0	0	2,31	112,035	56,364	0	0
Bundle 02	005	Shielded cable, CRE DC supply 1	FPFPU	P18	DEC	P162	1	H24138(16)	SST	48,5	24,4			2,44	118,34	59,536	0	0	2,31	112,035	56,364	0	0
Bundle 02	006	Shielded cable, Det: Bias supply 1	FPFPU	P18	DEC	P162	1	H06138	SST	75,5	24,3			2,44	184,22	59,292	0	0	2,31	174,405	56,133	0	0
Bundle 02	032	Triax cable, CRE-Out line group2 out_14_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,439	157,803	0	357,557	108,048	2,28	147,516	0	334,248	101,004
Bundle 02	033	Triax cable, CRE-Out line group2 out_15_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,439	157,803	0	357,557	108,048	2,28	147,516	0	334,248	101,004
Bundle 02	034	Triax cable, CRE-Out line group2 out_16_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,439	157,803	0	357,557	108,048	2,28	147,516	0	334,248	101,004
Bundle 02	035	Triax cable, CRE-Out line group2 out_17_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,439	157,803	0	357,557	108,048	2,28	147,516	0	334,248	101,004
Bundle 02	036	Triax cable, CRE-Out line group2 out_18_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,439	157,803	0	357,557	108,048	2,28	147,516	0	334,248	101,004
Bundle 02	037	Triax cable, CRE-Out line group2 out_19_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,439	157,803	0	357,557	108,048	2,28	147,516	0	334,248	101,004
Bundle 02	014a	Shielded cable, Outrefa_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,439	157,803	0	357,557	108,048	2,28	147,516	0	334,248	101,004
Bundle 02	038	Triax cable, CRE-Out line group2 out_20_2	FPFPU	P16	DEC	P166	1	H01238	SST	64,7		146,6	44,3	2,436	157,609	0	357,118	107,915	2,28	147,516	0	334,248	101,004
Bundle 02	039	Triax cable, CRE-Out line group2 out_21_2	FPFPU	P15	DEC	P168	1	H01238	SST	64,7		146,6	44,3	2,436	157,609	0	357,118	107,915	2,295	148,487	0	336,447	101,669
Bundle 02	040	Triax cable, CRE-Out line group2 out_22_2	FPFPU	P15	DEC	P168	1	H01238	SST	64,7		146,6	44,3	2,436	157,609	0	357,118	107,915	2,295	148,487	0	336,447	101,669
Bundle 02	041	Triax cable, CRE-Out line group2 out_23_2	FPFPU	P15	DEC	P168	1	H01238	SST	64,7		146,6	44,3	2,436	157,609	0	357,118	107,915	2,295	148,487	0	336,447	101,669
Bundle 02	042	Triax cable, CRE-Out line group2 out_24_2	FPFPU	P15	DEC	P168	1	H01238	SST	64,7		146,6	44,3	2,436	157,609	0	357,118	107,915	2,295	148,487	0	336,447	101,669
Bundle 02	043	Triax cable, CRE-Out line group2 out_25_2	FPFPU	P15	DEC	P168	1	H01238	SST	64,7		146,6	44,3	2,436	157,609	0	357,118	107,915	2,295	148,487	0	336,447	101,669

CVV ext. Harness SVM-CB to CVV I/F-CB											SVM int. Harness SVM-CB to WEU's																
Harness Bundle	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by ASSE	calculated wire capacity in (pF)				Harness Bundle	Characteristic cable capacity (pF/m) GORE / CASA (Cu)				Unit	Connector	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by ASSE	calculated wire capacity in (pF)			
		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)				C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 01	2,615	124,736	74,266	0	0	2,300	109,71	65,32	0	0	Bundle 01	132,3	69,0			DEC	P153	3,061	404,97	211,209	0	0	2,94	388,962	202,86	0	0
Bundle 01	2,615	124,736	74,266	0	0	2,300	109,71	65,32	0	0	Bundle 01	110,6	56,0			DEC	P153	3,061	338,547	171,416	0	0	2,94	325,164	164,64	0	0
Bundle 01	2,615	126,828	63,806	0	0	2,300	111,55	56,12	0	0	Bundle 01	126,0	72,7			DEC	P151	2,991	376,866	217,446	0	0	2,85	359,1	207,195	0	0
Bundle 01	2,615	126,828	63,806	0	0	2,300	111,55	56,12	0	0	Bundle 01	126,0	72,7			DEC	P151	2,991	376,866	217,446	0	0	2,85	359,1	207,195	0	0
Bundle 01	2,615	197,433	63,5445	0	0	2,300	173,65	55,89	0	0	Bundle 01	110,6	56,0			DEC	P151	2,991	330,805	167,496	0	0	2,85	315,21	159,6	0	0
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P155	3,073	152,114	0	1655,43	137,67	2,85	141,075	0	1535,3	127,68
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P157	2,986	147,807	0	1608,56	133,773	2,86	141,57	0	1540,68	128,128
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P157	2,986	147,807	0	1608,56	133,773	2,86	141,57	0	1540,68	128,128
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P157	2,986	147,807	0	1608,56	133,773	2,86	141,57	0	1540,68	128,128
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P157	2,986	147,807	0	1608,56	133,773	2,86	141,57	0	1540,68	128,128
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P157	2,986	147,807	0	1608,56	133,773	2,86	141,57	0	1540,68	128,128
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P157	2,986	147,807	0	1608,56	133,773	2,86	141,57	0	1540,68	128,128
Bundle 01	2,615	122,644	74,5275	0	0	2,300	107,87	65,55	0	0	Bundle 01	133,5	75,6			DEC	P157	2,986	398,631	225,742	0	0	2,86	381,81	216,216	0	0
Bundle 01	2,615	122,644	74,5275	0	0	2,300	107,87	65,55	0	0	Bundle 01	133,5	75,6			DEC	P157	2,986	398,631	225,742	0	0	2,86	381,81	216,216	0	0
Bundle 01	2,615	169,191	0	383,359	115,845	2,300	148,81	0	337,18	101,89	Bundle 01	49,5		538,7	44,8	DEC	P157	2,986	147,807	0	1608,56	133,773	2,86	141,57	0	1540,68	128,128
Bundle 01	2,615	124,736	74,266	0	0	2,300	109,71	65,32	0	0	Bundle 01	121,5	54,1			DEC	P178	3,055	371,183	165,276	0	0	2,92	354,78	157,972	0	0
Bundle 02	2,667	127,216	75,7428	0	0	2,34	111,618	66,456	0	0	Bundle 02	132,3	69,0			DEC	P164	3,064	405,367	211,416	0	0	2,80	370,44	193,2	0	0
Bundle 02	2,667	129,35	65,0748	0	0	2,34	113,49	57,096	0	0	Bundle 02	126,0	72,7			DEC	P164	3,064	386,064	222,753	0	0	2,80	352,8	203,56	0	0
Bundle 02	2,667	129,35	65,0748	0	0	2,34	113,49	57,096	0	0	Bundle 02	126,0	72,7			DEC	P162	3,155	397,53	229,369	0	0	2,87	361,62	208,649	0	0
Bundle 02	2,667	201,359	64,8081	0	0	2,34	176,67	56,862	0	0	Bundle 02	110,6	56,0			DEC	P162	3,155	348,943	176,68	0	0	2,87	317,422	160,72	0	0
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P166	3,061	151,52	0	1648,96	137,133	2,86	141,57	0	1540,68	128,128
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P168	3,161	156,47	0	1702,83	141,613	2,80	138,6	0	1508,36	125,44
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P168	3,161	156,47	0	1702,83	141,613	2,80	138,6	0	1508,36	125,44
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P168	3,161	156,47	0	1702,83	141,613	2,80	138,6	0	1508,36	125,44
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P168	3,161	156,47	0	1702,83	141,613	2,80	138,6	0	1508,36	125,44

Harness Bundle	Capacity (pF) Required			Herschel Cryo Harness overall															
				Overall predicted wire capacity (pF)				Delta of Overall predicted wire capacity (pF)				Overall calculated wire capacity (pF)				Delta of Overall calculated wire capacity (pF)			
	C_max core / inner Shd (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total
Bundle 01	2000			649,671	356,901	0	0	1350	1643	0	0	616,491	338,328	0	0	1384	1662	0	0
Bundle 01	2000			583,248	317,108	0	0	1417	1683	0	0	552,693	300,108	0	0	1447	1700	0	0
Bundle 01	2000			626,108	342,837	0	0	1374	1657	0	0	589,96	323,339	0	0	1410	1677	0	0
Bundle 01	2000			626,108	342,837	0	0	1374	1657	0	0	589,96	323,339	0	0	1410	1677	0	0
Bundle 01	2000			718,799	292,374	0	0	1281	1708	0	0	674,59	275,268	0	0	1325	1725	0	0
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	483,507	0	2406,31	364,575	316	800	-406	-314,58	449,371	0	2233,84	338,77	351	800	-234	-288,77
Bundle 01	800	2000	50	479,524	0	2360,18	360,899	320	800	-360	-310,9	448,248	0	2235,57	338,11	352	800	-236	-288,11
Bundle 01	800	2000	50	479,524	0	2360,18	360,899	320	800	-360	-310,9	448,248	0	2235,57	338,11	352	800	-236	-288,11
Bundle 01	800	2000	50	479,524	0	2360,18	360,899	320	800	-360	-310,9	448,248	0	2235,57	338,11	352	800	-236	-288,11
Bundle 01	800	2000	50	479,524	0	2360,18	360,899	320	800	-360	-310,9	448,248	0	2235,57	338,11	352	800	-236	-288,11
Bundle 01	800	2000	50	479,524	0	2360,18	360,899	320	800	-360	-310,9	448,248	0	2235,57	338,11	352	800	-236	-288,11
Bundle 01	800	2000	50	479,524	0	2360,18	360,899	320	800	-360	-310,9	448,248	0	2235,57	338,11	352	800	-236	-288,11
Bundle 01	1500			639,087	371,861	0	0	861	1128	0	0	604,116	351,306	0	0	896	1149	0	0
Bundle 01	1500			639,087	371,861	0	0	861	1128	0	0	604,116	351,306	0	0	896	1149	0	0
Bundle 01	800	2000	50	479,524	0	2360,18	360,899	320	800	-360	-310,9	448,248	0	2235,57	338,11	352	800	-236	-288,11
Bundle 01	2000			615,74	310,882	0	0	1384	1689	0	0	581,832	293,156	0	0	1418	1707	0	0
Bundle 02	2000			648,828	356,37	0	0	1351	1644	0	0	591,768	324,976	0	0	1408	1675	0	0
Bundle 02	2000			633,754	347,364	0	0	1366	1653	0	0	578,325	317,02	0	0	1422	1683	0	0
Bundle 02	2000			645,22	353,979	0	0	1355	1646	0	0	587,145	322,109	0	0	1413	1678	0	0
Bundle 02	2000			734,522	300,78	0	0	1265	1699	0	0	668,497	273,715	0	0	1332	1726	0	0
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	481,878	0	2397,5	363,329	318	800	-398	-313,33	440,484	0	2217,97	332,794	360	800	-218	-282,79
Bundle 02	800	2000	50	486,634	0	2450,93	367,676	313	800	-451	-317,68	438,485	0	2187,85	330,771	362	800	-188	-280,77
Bundle 02	800	2000	50	486,634	0	2450,93	367,676	313	800	-451	-317,68	438,485	0	2187,85	330,771	362	800	-188	-280,77
Bundle 02	800	2000	50	486,634	0	2450,93	367,676	313	800	-451	-317,68	438,485	0	2187,85	330,771	362	800	-188	-280,77
Bundle 02	800	2000	50	486,634	0	2450,93	367,676	313	800	-451	-317,68	438,485	0	2187,85	330,771	362	800	-188	-280,77
Bundle 02	800	2000	50	486,634	0	2450,93	367,676	313	800	-451	-317,68	438,485	0	2187,85	330,771	362	800	-188	-280,77

Designation					Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)				CVV int. Harness				CVV I/F-CB to OBA CU's					
Harness Bundle	Cable_ID	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	condu.	C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)			
															C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 02	044	Shielded cable, Synch_2	FPFPU	P15	DEC	P168	1	H02138	SST	46,9	28,5			2,436	114,248	69,426	0	0	2,295	107,636	65,4075	0	0
Bundle 02	045	Shielded cable, Clock_2	FPFPU	P15	DEC	P168	1	H02138	SST	46,9	28,5			2,436	114,248	69,426	0	0	2,295	107,636	65,4075	0	0
Bundle 02	014b	Shielded cable, Outrefb_2	FPFPU	P15	DEC	P168	1	H01238	SST	64,7		146,6	44,3	2,436	157,609	0	357,118	107,915	2,295	148,487	0	336,447	101,669
Bundle 03	007	Shielded cable, CRE DC supply 3	FPFPU	P21	DEC	P53		H11138(2)	SST	47,7	28,4			1,684	80,3268	47,8256	0	0	1,54	73,458	43,736	0	0
Bundle 03	007	Shielded cable, CRE DC supply 3	FPFPU	P21	DEC	P53	1	H11138(8)	SST	47,7	28,4			1,684	80,3268	47,8256	0	0	1,54	73,458	43,736	0	0
Bundle 03	008	Shielded cable, CRE DC supply 3	FPFPU	P20	DEC	P51		H24138(6)	SST	48,5	24,4			1,621	78,6185	39,5524	0	0	1,485	72,0225	36,234	0	0
Bundle 03	008	Shielded cable, CRE DC supply 3	FPFPU	P20	DEC	P51	1	H24138(16)	SST	48,5	24,4			1,621	78,6185	39,5524	0	0	1,485	72,0225	36,234	0	0
Bundle 03	009	Shielded cable, Det: Bias supply 3	FPFPU	P20	DEC	P51	1	H06138	SST	75,5	24,3			1,621	122,386	39,3903	0	0	1,485	112,118	36,0855	0	0
Bundle 03	046	Triax cable, CRE-Out line group3 out_1_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	047	Triax cable, CRE-Out line group3 out_2_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	048	Triax cable, CRE-Out line group3 out_3_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	049	Triax cable, CRE-Out line group3 out_4_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	050	Triax cable, CRE-Out line group3 out_5_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	051	Triax cable, CRE-Out line group3 out_6_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	052	Triax cable, CRE-Out line group3 out_7_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	015a	Shielded cable, Outrefa_3	FPFPU	P22	DEC	P55	1	H01238	SST	64,7		146,6	44,3	1,628	105,332	0	238,665	72,1204	1,535	99,3145	0	225,031	68,0005
Bundle 03	053	Triax cable, CRE-Out line group3 out_8_3	FPFPU	P23	DEC	P57	1	H01238	SST	64,7		146,6	44,3	1,634	105,72	0	239,544	72,3862	1,535	99,3145	0	225,031	68,0005
Bundle 03	054	Triax cable, CRE-Out line group3 out_9_3	FPFPU	P23	DEC	P57	1	H01238	SST	64,7		146,6	44,3	1,634	105,72	0	239,544	72,3862	1,535	99,3145	0	225,031	68,0005
Bundle 03	055	Triax cable, CRE-Out line group3 out_10_3	FPFPU	P23	DEC	P57	1	H01238	SST	64,7		146,6	44,3	1,634	105,72	0	239,544	72,3862	1,535	99,3145	0	225,031	68,0005
Bundle 03	056	Triax cable, CRE-Out line group3 out_11_3	FPFPU	P23	DEC	P57	1	H01238	SST	64,7		146,6	44,3	1,634	105,72	0	239,544	72,3862	1,535	99,3145	0	225,031	68,0005
Bundle 03	057	Triax cable, CRE-Out line group3 out_12_3	FPFPU	P23	DEC	P57	1	H01238	SST	64,7		146,6	44,3	1,634	105,72	0	239,544	72,3862	1,535	99,3145	0	225,031	68,0005
Bundle 03	058	Triax cable, CRE-Out line group3 out_13_3	FPFPU	P23	DEC	P57	1	H01238	SST	64,7		146,6	44,3	1,634	105,72	0	239,544	72,3862	1,535	99,3145	0	225,031	68,0005
Bundle 03	059	Shielded cable, Synch_3	FPFPU	P23	DEC	P57	1	H02138	SST	46,9	28,5			1,634	76,6346	46,569	0	0	1,535	71,9915	43,7475	0	0
Bundle 03	060	Shielded cable, Clock_3	FPFPU	P23	DEC	P57	1	H02138	SST	46,9	28,5			1,634	76,6346	46,569	0	0	1,535	71,9915	43,7475	0	0
Bundle 03	015b	Shielded cable, Outrefb_3	FPFPU	P23	DEC	P57	1	H01238	SST	64,7		146,6	44,3	1,634	105,72	0	239,544	72,3862	1,535	99,3145	0	225,031	68,0005
Bundle 03	076	Shielded cable, Temp.sens, Heaters Tsens 3/4	FPFPU	P24	DEC	P78	1	H19138(10)	SST	56,2	30,6			1,616	90,8192	49,4496	0	0	1,55	87,11	47,43	0	0
Bundle 03	076	Shielded cable, Temp.sens, Heaters Tsens 3/4	FPFPU	P24	DEC	P78		H19138(8)	SST	56,2	30,6			1,616	90,8192	49,4496	0	0	1,55	87,11	47,43	0	0
Bundle 04	061	Triax cable, CRE-Out line group4 out_14_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	062	Triax cable, CRE-Out line group4 out_15_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	063	Triax cable, CRE-Out line group4 out_16_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	064	Triax cable, CRE-Out line group4 out_17_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	065	Triax cable, CRE-Out line group4 out_18_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	066	Triax cable, CRE-Out line group4 out_19_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	067	Triax cable, CRE-Out line group4 out_20_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	016a	Shielded cable, Outrefa_4	FPFPU	P26	DEC	P66	1	H01238	SST	64,7		146,6	44,3	1,716	111,025	0	251,566	76,0188	1,61	104,167	0	236,026	71,323
Bundle 04	068	Triax cable, CRE-Out line group4 out_21_4	FPFPU	P25	DEC	P68	1	H01238	SST	64,7		146,6	44,3	1,705	110,314	0	249,953	75,5315	1,61	104,167	0	236,026	71,323
Bundle 04	069	Triax cable, CRE-Out line group4 out_22_4	FPFPU	P25	DEC	P68	1	H01238	SST	64,7		146,6	44,3	1,705	110,314	0	249,953	75,5315	1,61	104,167	0	236,026	71,323
Bundle 04	070	Triax cable, CRE-Out line group4 out_23_4	FPFPU	P25	DEC	P68	1	H01238	SST	64,7		146,6	44,3	1,705	110,314	0	249,953	75,5315	1,61	104,167	0	236,026	71,323
Bundle 04	071	Triax cable, CRE-Out line group4 out_24_4	FPFPU	P25	DEC	P68	1	H01238	SST	64,7		146,6	44,3	1,705	110,314	0	249,953	75,5315	1,61	104,167	0	236,026	71,323

CVV ext. Harness SVM-CB to CVV I/F-CB											SVM int. Harness SVM-CB to WEU's																
Harness Bundle	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)				Harness Bundle	Characteristic cable capacity (pF/m) GORE / CASA (Cu)				Unit	Connector	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)			
		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)				C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 02	2,667	125,082	76,0095	0	0	2,34	109,746	66,69	0	0	Bundle 02	133,5	75,6			DEC	P168	3,161	421,994	238,972	0	0	2,80	373,8	211,68	0	0
Bundle 02	2,667	125,082	76,0095	0	0	2,34	109,746	66,69	0	0	Bundle 02	133,5	75,6			DEC	P168	3,161	421,994	238,972	0	0	2,80	373,8	211,68	0	0
Bundle 02	2,667	172,555	0	390,982	118,148	2,34	151,398	0	343,044	103,662	Bundle 02	49,5		538,7	44,8	DEC	P168	3,161	156,47	0	1702,83	141,613	2,80	138,6	0	1508,36	125,44
Bundle 03	2,188	104,368	62,1392	0	0	1,86	88,722	52,824	0	0	Bundle 03	132,3	69,0			DEC	P53	2,762	365,413	190,578	0	0	2,45	324,135	169,05	0	0
Bundle 03	2,188	104,368	62,1392	0	0	1,86	88,722	52,824	0	0	Bundle 03	110,6	56,0			DEC	P53	2,762	305,477	154,672	0	0	2,45	270,97	137,2	0	0
Bundle 03	2,188	106,118	53,3872	0	0	1,86	90,21	45,384	0	0	Bundle 03	126,0	72,7			DEC	P51	2,854	359,604	207,486	0	0	2,54	320,04	184,658	0	0
Bundle 03	2,188	106,118	53,3872	0	0	1,86	90,21	45,384	0	0	Bundle 03	126,0	72,7			DEC	P51	2,854	359,604	207,486	0	0	2,54	320,04	184,658	0	0
Bundle 03	2,188	165,194	53,1684	0	0	1,86	140,43	45,198	0	0	Bundle 03	110,6	56,0			DEC	P51	2,854	315,652	159,824	0	0	2,54	280,924	142,24	0	0
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P55	2,76	136,62	0	1486,81	123,648	2,55	126,225	0	1373,69	114,24
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P57	2,868	141,966	0	1544,99	128,486	2,51	124,245	0	1352,14	112,448
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P57	2,868	141,966	0	1544,99	128,486	2,51	124,245	0	1352,14	112,448
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P57	2,868	141,966	0	1544,99	128,486	2,51	124,245	0	1352,14	112,448
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P57	2,868	141,966	0	1544,99	128,486	2,51	124,245	0	1352,14	112,448
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P57	2,868	141,966	0	1544,99	128,486	2,51	124,245	0	1352,14	112,448
Bundle 03	2,188	102,617	62,358	0	0	1,86	87,234	53,01	0	0	Bundle 03	133,5	75,6			DEC	P57	2,868	382,878	216,821	0	0	2,51	335,085	189,756	0	0
Bundle 03	2,188	102,617	62,358	0	0	1,86	87,234	53,01	0	0	Bundle 03	133,5	75,6			DEC	P57	2,868	382,878	216,821	0	0	2,51	335,085	189,756	0	0
Bundle 03	2,188	141,564	0	320,761	96,9284	1,86	120,342	0	272,676	82,398	Bundle 03	49,5		538,7	44,8	DEC	P57	2,868	141,966	0	1544,99	128,486	2,51	124,245	0	1352,14	112,448
Bundle 03	2,188	122,966	66,9528	0	0	1,86	104,532	56,916	0	0	Bundle 03	121,5	54,1			DEC	P78	2,763	335,705	149,478	0	0	2,44	296,46	132,004	0	0
Bundle 03	2,188	122,966	66,9528	0	0	1,86	104,532	56,916	0	0	Bundle 03	126,0	72,7			DEC	P78	2,763	348,138	200,87	0	0	2,44	307,44	177,388	0	0
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P66	2,832	140,184	0	1525,6	126,874	2,50	123,75	0	1346,75	112
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P68	2,743	135,779	0	1477,65	122,886	2,55	126,225	0	1373,69	114,24
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P68	2,743	135,779	0	1477,65	122,886	2,55	126,225	0	1373,69	114,24
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P68	2,743	135,779	0	1477,65	122,886	2,55	126,225	0	1373,69	114,24
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P68	2,743	135,779	0	1477,65	122,886	2,55	126,225	0	1373,69	114,24

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Designation					Destination		Cable		Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)				CVV int. Harness				CVV I/F-CB to OBA CU's						
Harness Bundle	Cable_ID	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	condu.	C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)			
															C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 04	072	Triax cable, CRE-Out line group4 out_25_4	FPFPU	P25	DEC	P68	1	H01238	SST	64,7		146,6	44,3	1,705	110,314	0	249,953	75,5315	1,61	104,167	0	236,026	71,323
Bundle 04	073	Shielded cable, Synch_4	FPFPU	P25	DEC	P68	1	H02138	SST	46,9	28,5			1,705	79,9645	48,5925	0	0	1,61	75,509	45,885	0	0
Bundle 04	074	Shielded cable, Clock_4	FPFPU	P25	DEC	P68	1	H02138	SST	46,9	28,5			1,705	79,9645	48,5925	0	0	1,61	75,509	45,885	0	0
Bundle 04	016b	Shielded cable, Outrefb_4	FPFPU	P25	DEC	P68	1	H01238	SST	64,7		146,6	44,3	1,705	110,314	0	249,953	75,5315	1,61	104,167	0	236,026	71,323
Bundle 04	010	Shielded cable, CRE DC supply 4	FPFPU	P27	DEC	P64		H11138(2)	SST	47,7	28,4			1,735	82,7595	49,274	0	0	1,67	79,659	47,428	0	0
Bundle 04	010	Shielded cable, CRE DC supply 4	FPFPU	P27	DEC	P64	1	H11138(8)	SST	47,7	28,4			1,735	82,7595	49,274	0	0	1,67	79,659	47,428	0	0
Bundle 04	011	Shielded cable, CRE DC supply 4	FPFPU	P28	DEC	P62		H24138(6)	SST	48,5	24,4			1,675	81,2375	40,87	0	0	1,58	76,63	38,552	0	0
Bundle 04	011	Shielded cable, CRE DC supply 4	FPFPU	P28	DEC	P62	1	H24138(16)	SST	48,5	24,4			1,675	81,2375	40,87	0	0	1,58	76,63	38,552	0	0
Bundle 04	012	Shielded cable, Det: Bias supply 4	FPFPU	P28	DEC	P62	1	H06138	SST	75,5	24,3			1,675	126,463	40,7025	0	0	1,58	119,29	38,394	0	0
Bundle 05	601b	8 tw pairs shielded, SST, B1, Out+T_sens	FPFPU	P50	BOLC	P01	1	H08-02138	SST	70,0	23,3			2,495	174,65	58,1335	0	0	2,38	166,6	55,454	0	0
Bundle 05	601c	8 tw pairs shielded, SST, B1, Out+T_sens	FPFPU	P50	BOLC	P01	1	H08-02138	SST	70,0	23,3			2,495	174,65	58,1335	0	0	2,38	166,6	55,454	0	0
Bundle 05	602b	8 tw pairs shielded, SST, B1, Out+T_sens	FPFPU	P51	BOLC	P02	1	H08-02138	SST	70,0	23,3			2,471	172,97	57,5743	0	0	2,365	165,55	55,1045	0	0
Bundle 05	602c	8 tw pairs shielded, SST, B1, Out+T_sens	FPFPU	P51	BOLC	P02	1	H08-02138	SST	70,0	23,3			2,471	172,97	57,5743	0	0	2,365	165,55	55,1045	0	0
Bundle 05	603	Shielded cable, SST, bias Bol B_1	FPFPU	P52	BOLC	P03	1	H19138	SST	56,2	30,6			2,475	139,095	75,735	0	0	2,325	130,665	71,145	0	0
Bundle 05	604	Shielded cable, SST, Clocks low level Bol B_1	FPFPU	P52	BOLC	P03	1	H03138	SST	45,3	24,2			2,475	112,118	59,895	0	0	2,325	105,323	56,265	0	0
Bundle 05	605	Shielded cable, SST, Clocks high level Bol	FPFPU	P52	BOLC	P03	1	H11138	SST	47,7	28,4			2,475	118,058	70,29	0	0	2,325	110,903	66,03	0	0
Bundle 05	603b	Shielded cable, Brass, bias, Bol B1	FPFPU	P52	BOLC	P03	1	H02130	Brass	80,7	47,8			2,475	199,733	118,305	0	0	2,325	187,628	111,135	0	0
Bundle 06	606b	8 tw pairs shielded, SST, B2, Out+T_sens	FPFPU	P53	BOLC	P04	1	H08-02138	SST	70,0	23,3			2,398	167,86	55,8734	0	0	2,255	157,85	52,5415	0	0
Bundle 06	606c	8 tw pairs shielded, SST, B2, Out+T_sens	FPFPU	P53	BOLC	P04	1	H08-02138	SST	70,0	23,3			2,398	167,86	55,8734	0	0	2,255	157,85	52,5415	0	0
Bundle 06	607b	8 tw pairs shielded, SST, B2, Out+T_sens	FPFPU	P54	BOLC	P05	1	H08-02138	SST	70,0	23,3			2,372	166,04	55,2676	0	0	2,255	157,85	52,5415	0	0
Bundle 06	607c	8 tw pairs shielded, SST, B2, Out+T_sens	FPFPU	P54	BOLC	P05	1	H08-02138	SST	70,0	23,3			2,372	166,04	55,2676	0	0	2,255	157,85	52,5415	0	0
Bundle 06	608	Shielded cable, SST, bias Bol B_2	FPFPU	P55	BOLC	P06	1	H19138	SST	56,2	30,6			2,357	132,463	72,1242	0	0	2,245	126,169	68,697	0	0
Bundle 06	609	Shielded cable, SST, Clocks low level Bol B_2	FPFPU	P55	BOLC	P06	1	H03138	SST	45,3	24,2			2,357	106,772	57,0394	0	0	2,245	101,699	54,329	0	0
Bundle 06	610	Shielded cable, SST, Clocks high level Bol	FPFPU	P55	BOLC	P06	1	H11138	SST	47,7	28,4			2,357	112,429	66,9388	0	0	2,245	107,087	63,758	0	0
Bundle 06	608b	Shielded cable, Brass, bias, Bol B2	FPFPU	P55	BOLC	P06	1	H02130	Brass	80,7	47,8			2,357	190,21	112,665	0	0	2,245	181,172	107,311	0	0
Bundle 07	611b	8 tw pairs shielded, SST, B3, Out+T_sens	FPFPU	P56	BOLC	P07	1	H08-02138	SST	70,0	23,3			1,843	129,010	42,9419	0	0	1,75	122,5	40,775	0	0
Bundle 07	611c	8 tw pairs shielded, SST, B3, Out+T_sens	FPFPU	P56	BOLC	P07	1	H08-02138	SST	70,0	23,3			1,843	129,01	42,9419	0	0	1,75	122,5	40,775	0	0
Bundle 07	612b	8 tw pairs shielded, SST, B3, Out+T_sens	FPFPU	P57	BOLC	P08	1	H08-02138	SST	70,0	23,3			1,854	129,78	43,1982	0	0	1,77	123,9	41,241	0	0
Bundle 07	612c	8 tw pairs shielded, SST, B3, Out+T_sens	FPFPU	P57	BOLC	P08	1	H08-02138	SST	70,0	23,3			1,854	129,78	43,1982	0	0	1,77	123,9	41,241	0	0
Bundle 07	613	Shielded cable, SST, bias Bol B_3	FPFPU	P58	BOLC	P09	1	H19138	SST	56,2	30,6			1,867	104,925	57,1302	0	0	1,795	100,879	54,927	0	0
Bundle 07	614	Shielded cable, SST, Clocks low level Bol B_3	FPFPU	P58	BOLC	P09	1	H03138	SST	45,3	24,2			1,867	84,5751	45,1814	0	0	1,795	81,3135	43,439	0	0
Bundle 07	615	Shielded cable, SST, Clocks high level Bol	FPFPU	P58	BOLC	P09	1	H11138	SST	47,7	28,4			1,867	89,0559	53,0228	0	0	1,795	85,6215	50,978	0	0
Bundle 07	613b	Shielded cable, Brass, bias, Bol B3	FPFPU	P58	BOLC	P09	1	H02130	Brass	80,7	47,8			1,867	150,667	89,2426	0	0	1,795	144,857	85,801	0	0
Bundle 08	616b	8 tw pairs shielded, SST, B4, Out+T_sens	FPFPU	P59	BOLC	P10	1	H08-02138	SST	70,0	23,3			1,671	116,97	38,9343	0	0	1,52	106,4	35,416	0	0
Bundle 08	616c	8 tw pairs shielded, SST, B4, Out+T_sens	FPFPU	P59	BOLC	P10	1	H08-02138	SST	70,0	23,3			1,671	116,97	38,9343	0	0	1,52	106,4	35,416	0	0
Bundle 08	617b	8 tw pairs shielded, SST, B4, Out+T_sens	FPFPU	P60	BOLC	P11	1	H08-02138	SST	70,0	23,3			1,647	115,29	38,3751	0	0	1,55	108,5	36,115	0	0
Bundle 08	617c	8 tw pairs shielded, SST, B4, Out+T_sens	FPFPU	P60	BOLC	P11	1	H08-02138	SST	70,0	23,3			1,647	115,29	38,3751	0	0	1,55	108,5	36,115	0	0

CVV ext. Harness										SVM-CB to CVV I/F-CB										SVM int. Harness SVM-CB to WEU's																	
Harness Bundle	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)				Harness Bundle	Characteristic cable capacity (pF/m) GORE / CASA (Cu)				Unit	Connector	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)													
		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)				C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)										
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P68	2,743	135,779	0	1477,65	122,886	2,55	126,225	0	1373,69	114,24										
Bundle 04	2,106	98,7714	60,021	0	0	1,84	86,296	52,44	0	0	Bundle 04	133,5	75,6			DEC	P68	2,743	366,191	207,371	0	0	2,55	340,425	192,78	0	0										
Bundle 04	2,106	98,7714	60,021	0	0	1,84	86,296	52,44	0	0	Bundle 04	133,5	75,6			DEC	P68	2,743	366,191	207,371	0	0	2,55	340,425	192,78	0	0										
Bundle 04	2,106	136,258	0	308,74	93,2958	1,84	119,048	0	269,744	81,512	Bundle 04	49,5		538,7	44,8	DEC	P68	2,743	135,779	0	1477,65	122,886	2,55	126,225	0	1373,69	114,24										
Bundle 04	2,106	100,456	59,8104	0	0	1,84	87,768	52,256	0	0	Bundle 04	132,3	69,0			DEC	P64	2,813	372,16	194,097	0	0	2,60	343,98	179,4	0	0										
Bundle 04	2,106	100,456	59,8104	0	0	1,84	87,768	52,256	0	0	Bundle 04	110,6	56,0			DEC	P64	2,813	311,118	157,528	0	0	2,60	287,56	145,6	0	0										
Bundle 04	2,106	102,141	51,3864	0	0	1,84	89,24	44,896	0	0	Bundle 04	126,0	72,7			DEC	P62	2,754	347,004	200,216	0	0	2,52	317,52	183,204	0	0										
Bundle 04	2,106	102,141	51,3864	0	0	1,84	89,24	44,896	0	0	Bundle 04	126,0	72,7			DEC	P62	2,754	347,004	200,216	0	0	2,52	317,52	183,204	0	0										
Bundle 04	2,106	159,003	51,1758	0	0	1,84	138,92	44,712	0	0	Bundle 04	110,6	56,0			DEC	P62	2,754	304,592	154,224	0	0	2,52	278,712	141,12	0	0										
Bundle 05	2,687	188,09	62,6071	0	0	2,36	165,2	54,988	0	0	Bundle 05	126,0	72,7			BOLC	P01	3,001	378,126	218,173	0	0	2,90	365,4	210,83	0	0										
Bundle 05	2,687	188,09	62,6071	0	0	2,36	165,2	54,988	0	0	Bundle 05	126,0	72,7			BOLC	P01	3,001	378,126	218,173	0	0	2,90	365,4	210,83	0	0										
Bundle 05	2,687	188,09	62,6071	0	0	2,36	165,2	54,988	0	0	Bundle 05	126,0	72,7			BOLC	P02	3,138	395,388	228,133	0	0	3,05	384,3	221,735	0	0										
Bundle 05	2,687	188,09	62,6071	0	0	2,36	165,2	54,988	0	0	Bundle 05	126,0	72,7			BOLC	P02	3,138	395,388	228,133	0	0	3,05	384,3	221,735	0	0										
Bundle 05	2,687	151,009	82,2222	0	0	2,36	132,632	72,216	0	0	Bundle 05	110,6	56,0			BOLC	P03	3,172	350,823	177,632	0	0	3,10	342,86	173,6	0	0										
Bundle 05	2,687	121,721	65,0254	0	0	2,36	106,908	57,112	0	0	Bundle 05	132,3	69,0			BOLC	P03	3,172	419,656	218,868	0	0	3,10	410,13	213,9	0	0										
Bundle 05	2,687	128,17	76,3108	0	0	2,36	112,572	67,024	0	0	Bundle 05	132,3	69,0			BOLC	P03	3,172	419,656	218,868	0	0	3,10	410,13	213,9	0	0										
Bundle 05	2,687	216,841	128,439	0	0	2,36	190,452	112,808	0	0	Bundle 05	133,5	75,6			BOLC	P03	3,172	423,462	239,803	0	0	3,10	413,85	234,36	0	0										
Bundle 06	2,702	189,14	62,9566	0	0	2,37	165,9	55,221	0	0	Bundle 06	126,0	72,7			BOLC	P04	3,225	406,35	234,458	0	0	3,02	380,52	219,554	0	0										
Bundle 06	2,702	189,14	62,9566	0	0	2,37	165,9	55,221	0	0	Bundle 06	126,0	72,7			BOLC	P04	3,225	406,35	234,458	0	0	3,02	380,52	219,554	0	0										
Bundle 06	2,702	189,14	62,9566	0	0	2,37	165,9	55,221	0	0	Bundle 06	126,0	72,7			BOLC	P05	3,078	387,828	223,771	0	0	2,90	365,4	210,83	0	0										
Bundle 06	2,702	189,14	62,9566	0	0	2,37	165,9	55,221	0	0	Bundle 06	126,0	72,7			BOLC	P05	3,078	387,828	223,771	0	0	2,90	365,4	210,83	0	0										
Bundle 06	2,702	151,852	82,6812	0	0	2,37	133,194	72,522	0	0	Bundle 06	110,6	56,0			BOLC	P06	3,239	358,233	181,384	0	0	3,08	340,648	172,48	0	0										
Bundle 06	2,702	122,401	65,3884	0	0	2,37	107,361	57,354	0	0	Bundle 06	132,3	69,0			BOLC	P06	3,239	428,52	223,491	0	0	3,08	407,484	212,52	0	0										
Bundle 06	2,702	128,885	76,7368	0	0	2,37	113,049	67,308	0	0	Bundle 06	132,3	69,0			BOLC	P06	3,239	428,52	223,491	0	0	3,08	407,484	212,52	0	0										
Bundle 06	2,702	218,051	129,156	0	0	2,37	191,259	113,286	0	0	Bundle 06	133,5	75,6			BOLC	P06	3,239	432,407	244,868	0	0	3,08	411,18	232,848	0	0										
Bundle 07	2,98	208,6	69,434	0	0	2,69	188,3	62,677	0	0	Bundle 07	126,0	72,7			BOLC	P07	3,055	384,93	222,099	0	0	2,96	372,96	215,192	0	0										
Bundle 07	2,98	208,6	69,434	0	0	2,69	188,3	62,677	0	0	Bundle 07	126,0	72,7			BOLC	P07	3,055	384,93	222,099	0	0	2,96	372,96	215,192	0	0										
Bundle 07	2,98	208,6	69,434	0	0	2,69	188,3	62,677	0	0	Bundle 07	126,0	72,7			BOLC	P08	3,194	402,444	232,204	0	0	3,08	388,08	223,916	0	0										
Bundle 07	2,98	208,6	69,434	0	0	2,69	188,3	62,677	0	0	Bundle 07	126,0	72,7			BOLC	P08	3,194	402,444	232,204	0	0	3,08	388,08	223,916	0	0										
Bundle 07	2,98	167,476	91,188	0	0	2,69	151,178	82,314	0	0	Bundle 07	110,6	56,0			BOLC	P09	3,229	357,127	180,824	0	0	3,15	348,39	176,4	0	0										
Bundle 07	2,98	134,994	72,116	0	0	2,69	121,857	65,098	0	0	Bundle 07	132,3	69,0			BOLC	P09	3,229	427,197	222,801	0	0	3,15	416,745	217,35	0	0										
Bundle 07	2,98	142,146	84,632	0	0	2,69	128,313	76,396	0	0	Bundle 07	132,3	69,0			BOLC	P09	3,229	427,197	222,801	0	0	3,15	416,745	217,35	0	0										
Bundle 07	2,98	240,486	142,444	0	0	2,69	217,083	128,582	0	0	Bundle 07	133,5	75,6			BOLC	P09	3,229	431,072	244,112	0	0	3,15	420,525	238,14	0	0										
Bundle 08	3,393	237,51	79,0569	0	0	3,08	215,6	71,764	0	0	Bundle 08	126,0	72,7			BOLC	P10	3,219	405,594	234,021	0	0	3,10	390,6	225,37	0	0										
Bundle 08	3,393	237,51	79,0569	0	0	3,08	215,6	71,764	0	0	Bundle 08	126,0	72,7			BOLC	P10	3,219	405,594	234,021	0	0	3,10	390,6	225,37	0	0										
Bundle 08	3,393	237,51	79,0569	0	0	3,08	215,6	71,764	0	0	Bundle 08	126,0	72,7			BOLC	P11	3,045	383,67	221,372	0	0	2,95	371,7	214,465	0	0										
Bundle 08	3,393	237,51	79,0569	0	0	3,08	215,6	71,764	0	0	Bundle 08	126,0	72,7			BOLC	P11	3,045	383,67	221,372	0	0	2,95	371,7	214,465	0	0										

Harness Bundle	Capacity (pF) Required			Herschel Cryo Harness overall															
				Overall predicted wire capacity (pF)				Delta of Overall predicted wire capacity (pF)				Overall calculated wire capacity (pF)				Delta of Overall calculated wire capacity (pF)			
	C_max core / inner Shd (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total
Bundle 04	800	2000	50	382,35	0	2036,35	291,714	418	800	-36	-241,71	349,44	0	1879,46	267,075	451	800	121	-217,08
Bundle 04	1500			544,926	315,984	0	0	955	1184	0	0	502,23	291,105	0	0	998	1209	0	0
Bundle 04	1500			544,926	315,984	0	0	955	1184	0	0	502,23	291,105	0	0	998	1209	0	0
Bundle 04	800	2000	50	382,35	0	2036,35	291,714	418	800	-36	-241,71	349,44	0	1879,46	267,075	451	800	121	-217,08
Bundle 04	2000			555,376	303,181	0	0	1445	1697	0	0	511,407	279,084	0	0	1489	1721	0	0
Bundle 04	2000			494,334	266,612	0	0	1506	1733	0	0	454,987	245,284	0	0	1545	1755	0	0
Bundle 04	2000			530,383	292,472	0	0	1470	1708	0	0	483,39	266,652	0	0	1517	1733	0	0
Bundle 04	2000			530,383	292,472	0	0	1470	1708	0	0	483,39	266,652	0	0	1517	1733	0	0
Bundle 04	2000			590,058	246,102	0	0	1410	1754	0	0	536,922	224,226	0	0	1463	1776	0	0
Bundle 05	1000			740,866	338,913	0	0	259	661	0	0	697,2	321,272	0	0	303	679	0	0
Bundle 05	1000			740,866	338,913	0	0	259	661	0	0	697,2	321,272	0	0	303	679	0	0
Bundle 05	1000			756,448	348,314	0	0	244	652	0	0	715,05	331,828	0	0	285	668	0	0
Bundle 05	1000			756,448	348,314	0	0	244	652	0	0	715,05	331,828	0	0	285	668	0	0
Bundle 05	1000			640,928	335,589	0	0	359	664	0	0	606,157	316,961	0	0	394	683	0	0
Bundle 05	1000			653,494	343,788	0	0	347	656	0	0	622,361	327,277	0	0	378	673	0	0
Bundle 05	1000			665,883	365,469	0	0	334	635	0	0	633,605	346,954	0	0	366	653	0	0
Bundle 05	1000			840,035	486,547	0	0	160	513	0	0	791,93	458,303	0	0	208	542	0	0
Bundle 06	1000			763,35	353,288	0	0	237	647	0	0	704,27	327,317	0	0	296	673	0	0
Bundle 06	1000			763,35	353,288	0	0	237	647	0	0	704,27	327,317	0	0	296	673	0	0
Bundle 06	1000			743,008	341,995	0	0	257	658	0	0	689,15	318,593	0	0	311	681	0	0
Bundle 06	1000			743,008	341,995	0	0	257	658	0	0	689,15	318,593	0	0	311	681	0	0
Bundle 06	1000			642,549	336,189	0	0	357	664	0	0	600,011	313,699	0	0	400	686	0	0
Bundle 06	1000			657,692	345,919	0	0	342	654	0	0	616,544	324,203	0	0	383	676	0	0
Bundle 06	1000			669,834	367,167	0	0	330	633	0	0	627,62	343,586	0	0	372	656	0	0
Bundle 06	1000			840,668	486,689	0	0	159	513	0	0	783,611	453,445	0	0	216	547	0	0
Bundle 07	1000			129604	43233,4	0	0	-128604	-42233	0	0	683,76	318,644	0	0	316	681	0	0
Bundle 07	1000			722,54	334,474	0	0	277	666	0	0	683,76	318,644	0	0	316	681	0	0
Bundle 07	1000			740,824	344,836	0	0	259	655	0	0	700,28	327,834	0	0	300	672	0	0
Bundle 07	1000			740,824	344,836	0	0	259	655	0	0	700,28	327,834	0	0	300	672	0	0
Bundle 07	1000			629,529	329,142	0	0	370	671	0	0	600,447	313,641	0	0	400	686	0	0
Bundle 07	1000			646,766	340,098	0	0	353	660	0	0	619,916	325,887	0	0	380	674	0	0
Bundle 07	1000			658,399	360,456	0	0	342	640	0	0	630,68	344,724	0	0	369	655	0	0
Bundle 07	1000			822,224	475,799	0	0	178	524	0	0	782,465	452,523	0	0	218	547	0	0
Bundle 08	1000			760,074	352,013	0	0	240	648	0	0	712,6	332,55	0	0	287	667	0	0
Bundle 08	1000			760,074	352,013	0	0	240	648	0	0	712,6	332,55	0	0	287	667	0	0
Bundle 08	1000			736,47	338,804	0	0	264	661	0	0	695,8	322,344	0	0	304	678	0	0
Bundle 08	1000			736,47	338,804	0	0	264	661	0	0	695,8	322,344	0	0	304	678	0	0

Designation						Destination		Cable		Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)				CVV int. Harness					CVV I/F-CB to OBA CU's				
Harness Bundle	Cable_ID	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	condu.	C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by ASSE	calculated wire capacity in (pF)			
															C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 08	618	Shielded cable, SST, bias Bol B_4	FPFPU	P61	BOLC	P12	1	H19138	SST	56,2	30,6			1,675	94,135	51,255	0	0	1,57	88,234	48,042	0	0
Bundle 08	619	Shielded cable, SST, Clocks low level Bol B_4	FPFPU	P61	BOLC	P12	1	H03138	SST	45,3	24,2			1,675	75,8775	40,535	0	0	1,57	71,121	37,994	0	0
Bundle 08	620	Shielded cable, SST, Clocks high level Bol	FPFPU	P61	BOLC	P12	1	H11138	SST	47,7	28,4			1,675	79,8975	47,57	0	0	1,57	74,889	44,588	0	0
Bundle 08	618b	Shielded cable, Brass, bias, Bol B4	FPFPU	P61	BOLC	P12	1	H02130	Brass	80,7	47,8			1,675	135,173	80,065	0	0	1,57	126,699	75,046	0	0
Bundle 09	621b	8 tw pairs shielded, SST, R1, Out+T_sens	FPFPU	P62	BOLC	P13	1	H08-02138	SST	70,0	23,3			1,55	108,5	36,115	0	0	1,25	87,5	29,125	0	0
Bundle 09	621c	8 tw pairs shielded, SST, R1, Out+T_sens	FPFPU	P62	BOLC	P13	1	H08-02138	SST	70,0	23,3			1,55	108,5	36,115	0	0	1,25	87,5	29,125	0	0
Bundle 09	622	Shielded cable, SST, bias	FPFPU	P63	BOLC	P14	1	H19138	SST	56,2	30,6			1,543	86,7166	47,2158	0	0	1,187	66,7094	36,3222	0	0
Bundle 09	623	Shielded cable, SST, Clocks low level Bol R1	FPFPU	P63	BOLC	P14	1	H03138	SST	45,3	24,2			1,543	69,8979	37,3406	0	0	1,187	53,7711	28,7254	0	0
Bundle 09	624	Shielded cable, SST, Clocks high level Bol R1	FPFPU	P63	BOLC	P14	1	H11138	SST	47,7	28,4			1,543	73,6011	43,8212	0	0	1,187	56,6199	33,7108	0	0
Bundle 09	622b	Shielded cable, Brass, bias, Bol R1	FPFPU	P63	BOLC	P14	1	H02130	Brass	80,7	47,8			1,543	124,52	73,7554	0	0	1,187	95,7909	56,7386	0	0
Bundle 10	625b	8 tw pairs shielded, SST, R2, Out+T_sens	FPFPU	P64	BOLC	P15	1	H08-02138	SST	70,0	23,3			1,441	100,87	33,5753	0	0	1,32	92,4	30,756	0	0
Bundle 10	625c	8 tw pairs shielded, SST, R2, Out+T_sens	FPFPU	P64	BOLC	P15	1	H08-02138	SST	70,0	23,3			1,441	100,87	33,5753	0	0	1,32	92,4	30,756	0	0
Bundle 10	626	Shielded cable, SST, bias	FPFPU	P65	BOLC	P16	1	H19138	SST	56,2	30,6			1,472	82,7264	45,0432	0	0	1,365	76,713	41,769	0	0
Bundle 10	627	Shielded cable, SST, Clocks low level Bol R2	FPFPU	P65	BOLC	P16	1	H03138	SST	45,3	24,2			1,472	66,6816	35,6224	0	0	1,365	61,8345	33,033	0	0
Bundle 10	628	Shielded cable, SST, Clocks high level Bol R2	FPFPU	P65	BOLC	P16	1	H11138	SST	47,7	28,4			1,472	70,2144	41,8048	0	0	1,365	65,1105	38,766	0	0
Bundle 10	626b	Shielded cable, Brass, bias, Bol R2	FPFPU	P65	BOLC	P16	1	H02130	Brass	80,7	47,8			1,472	118,79	70,3616	0	0	1,365	110,156	65,247	0	0
Bundle 11	629	2 tw.pairs, shielded, SST, Bol SP_Temp	FPFPU	P68	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,409	69,7455	43,9608	0	0	1,29	63,855	40,248	0	0
Bundle 11	630	2 tw.pairs, shielded, SST, Bol EV_Temp	FPFPU	P68	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,409	69,7455	43,9608	0	0	1,29	63,855	40,248	0	0
Bundle 11	631	2 tw.pairs, shielded, SST, Bol HSP_Temp	FPFPU	P68	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,409	69,7455	43,9608	0	0	1,29	63,855	40,248	0	0
Bundle 11	632	2 tw.pairs, shielded, SST, Bol HSE_Temp	FPFPU	P68	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,409	69,7455	43,9608	0	0	1,29	63,855	40,248	0	0
Bundle 11	633	2 tw.pairs, shielded, SST, Bol SHUNT_Temp	FPFPU	P68	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,409	69,7455	43,9608	0	0	1,29	63,855	40,248	0	0
Bundle 11	634	6 tw.pairs, shielded, Brass, Cooler Ts/Heater	FPFPU	P68	BOLC	P17	1	H06-02130	BRASS	56,1	31,2			1,409	79,0449	43,9608	0	0	1,275	71,5275	39,78	0	0
Bundle 11	641	2 tw.pairs, shielded, SST, Bol 300mk_Temp	FPFPU	P66	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,414	69,993	44,1168	0	0	1,275	63,1125	39,78	0	0
Bundle 11	642	2 tw.pairs, shielded, SST, Bol 300mk_Temp	FPFPU	P66	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,414	69,993	44,1168	0	0	1,275	63,1125	39,78	0	0
Bundle 11	643	2 tw.pairs, shielded, SST, Bol FPU_Temp	FPFPU	P66	BOLC	P17	1	H02-02138	SST	49,5	31,2			1,414	69,993	44,1168	0	0	1,275	63,1125	39,78	0	0
Bundle 11	644	2 tw.pairs, shielded, SST, Bol FPU_heater	FPFPU	P66	BOLC	P17	1	H02-02130	BRASS	56,1	31,2			1,414	79,3254	44,1168	0	0	1,275	71,5275	39,78	0	0
Bundle 12	635	2 tw.pairs, shielded, SST, Bol SP_Temp	FPFPU	P69	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,503	74,3985	46,8936	0	0	1,37	67,815	42,744	0	0
Bundle 12	636	2 tw.pairs, shielded, SST, Bol EV_Temp	FPFPU	P69	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,503	74,3985	46,8936	0	0	1,37	67,815	42,744	0	0
Bundle 12	637	2 tw.pairs, shielded, SST, Bol HSP_Temp	FPFPU	P69	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,503	74,3985	46,8936	0	0	1,335	66,0825	41,652	0	0
Bundle 12	638	2 tw.pairs, shielded, SST, Bol HSE_Temp	FPFPU	P69	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,503	74,3985	46,8936	0	0	1,335	66,0825	41,652	0	0
Bundle 12	639	2 tw.pairs, shielded, SST, Bol SHUNT_Temp	FPFPU	P69	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,503	74,3985	46,8936	0	0	1,335	66,0825	41,652	0	0
Bundle 12	640	6 tw.pairs, shielded, Brass, Cooler Ts/Heater	FPFPU	P69	BOLC	P18	1	H06-02130	BRASS	56,1	31,2			1,503	84,3183	46,8936	0	0	1,335	74,8935	41,652	0	0
Bundle 12	645	2 tw.pairs, shielded, SST, Bol 300mk_Temp	FPFPU	P67	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,498	74,151	46,7376	0	0	1,335	66,0825	41,652	0	0
Bundle 12	646	2 tw.pairs, shielded, SST, Bol 300mk_Temp	FPFPU	P67	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,498	74,151	46,7376	0	0	1,335	66,0825	41,652	0	0
Bundle 12	647	2 tw.pairs, shielded, SST, Bol FPU_Temp	FPFPU	P67	BOLC	P18	1	H02-02138	SST	49,5	31,2			1,498	74,151	46,7376	0	0	1,335	66,0825	41,652	0	0
Bundle 12	648	2 tw.pairs, shielded, SST, Bol FPU_heater	FPFPU	P67	BOLC	P18	1	H02-02130	BRASS	56,1	31,2			1,498	84,0378	46,7376	0	0	1,335	74,8935	41,652	0	0

CVV ext. Harness										SVM-CB to CVV I/F-CB										SVM int. Harness SVM-CB to WEU's															
Harness Bundle	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by ASSE	calculated wire capacity in (pF)				Harness Bundle	Characteristic cable capacity (pF/m) GORE / CASA (Cu)				Unit	Connector	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by ASSE	calculated wire capacity in (pF)											
		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)				C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)								
Bundle 08	3,393	190,687	103,826	0	0	3,08	173,096	94,248	0	0	Bundle 08	110,6	56,0		BOLC	P12	3,212	355,247	179,872	0	0	3,15	348,39	176,4	0	0									
Bundle 08	3,393	153,703	82,1106	0	0	3,08	139,524	74,536	0	0	Bundle 08	132,3	69,0		BOLC	P12	3,212	424,948	221,628	0	0	3,15	416,745	217,35	0	0									
Bundle 08	3,393	161,846	96,3612	0	0	3,08	146,916	87,472	0	0	Bundle 08	132,3	69,0		BOLC	P12	3,212	424,948	221,628	0	0	3,15	416,745	217,35	0	0									
Bundle 08	3,393	273,815	162,185	0	0	3,08	248,556	147,224	0	0	Bundle 08	133,5	75,6		BOLC	P12	3,212	428,802	242,827	0	0	3,15	420,525	238,14	0	0									
Bundle 09	3,345	234,15	77,9385	0	0	3,04	212,8	70,832	0	0	Bundle 09	126,0	72,7		BOLC	P13	3,204	403,704	232,931	0	0	2,95	371,7	214,465	0	0									
Bundle 09	3,345	234,15	77,9385	0	0	3,04	212,8	70,832	0	0	Bundle 09	126,0	72,7		BOLC	P13	3,204	403,704	232,931	0	0	2,95	371,7	214,465	0	0									
Bundle 09	3,345	187,989	102,357	0	0	3,04	170,848	93,024	0	0	Bundle 09	110,6	56,0		BOLC	P14	3,325	367,745	186,2	0	0	3,05	337,33	170,8	0	0									
Bundle 09	3,345	151,529	80,949	0	0	3,04	137,712	73,568	0	0	Bundle 09	132,3	69,0		BOLC	P14	3,325	439,898	229,425	0	0	3,05	403,515	210,45	0	0									
Bundle 09	3,345	159,557	94,998	0	0	3,04	145,008	86,336	0	0	Bundle 09	132,3	69,0		BOLC	P14	3,325	439,898	229,425	0	0	3,05	403,515	210,45	0	0									
Bundle 09	3,345	269,942	159,891	0	0	3,04	245,328	145,312	0	0	Bundle 09	133,5	75,6		BOLC	P14	3,325	443,888	251,37	0	0	3,05	407,175	230,58	0	0									
Bundle 10	3,292	230,44	76,7036	0	0	2,95	206,5	68,735	0	0	Bundle 10	126,0	72,7		BOLC	P15	3,217	405,342	233,876	0	0	3,07	386,82	223,189	0	0									
Bundle 10	3,292	230,44	76,7036	0	0	2,95	206,5	68,735	0	0	Bundle 10	0	0	0	BOLC	P15	3,217	0	0	0	0	3,07	0	0	0	0									
Bundle 10	3,292	185,01	100,735	0	0	2,95	165,79	90,27	0	0	Bundle 10	110,6	56,0		BOLC	P16	3,333	368,63	186,648	0	0	3,17	350,602	177,52	0	0									
Bundle 10	3,292	149,128	79,6664	0	0	2,95	133,635	71,39	0	0	Bundle 10	132,3	69,0		BOLC	P16	3,333	440,956	229,977	0	0	3,17	419,391	218,73	0	0									
Bundle 10	3,292	157,028	93,4928	0	0	2,95	140,715	83,78	0	0	Bundle 10	132,3	69,0		BOLC	P16	3,333	440,956	229,977	0	0	3,17	419,391	218,73	0	0									
Bundle 10	3,292	265,664	157,358	0	0	2,95	238,065	141,01	0	0	Bundle 10	133,5	75,6		BOLC	P16	3,333	444,956	251,975	0	0	3,17	423,195	239,652	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	208,468	115,939	0	0	3,39	190,179	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	183,942	115,939	0	0	3,39	167,805	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 11	3,716	208,468	115,939	0	0	3,39	190,179	105,768	0	0	Bundle 11	71,4	35,5		BOLC	P17	3,356	239,618	119,138	0	0	3,04	217,056	107,92	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	217,556	120,994	0	0	3,56	199,716	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	191,961	120,994	0	0	3,56	176,22	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									
Bundle 12	3,878	217,556	120,994	0	0	3,56	199,716	111,072	0	0	Bundle 12	71,4	35,5		BOLC	P18	3,243	231,55	115,127	0	0	2,99	213,486	106,145	0	0									

Harness Bundle	Capacity (pF) Required			Herschel Cryo Harness overall															
				Overall predicted wire capacity (pF)				Delta of Overall predeicted wire capacity (pF)				Overall calculated wire capacity (pF)				Delta of Overall calculated wire capacity (pF)			
	C_max core / inner Shd (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total
Bundle 08	1000			640,069	334,953	0	0	360	665	0	0	609,72	318,69	0	0	390	681	0	0
Bundle 08	1000			654,528	344,274	0	0	345	656	0	0	627,39	329,88	0	0	373	670	0	0
Bundle 08	1000			666,691	365,559	0	0	333	634	0	0	638,55	349,41	0	0	361	651	0	0
Bundle 08	1000			837,79	485,078	0	0	162	515	0	0	795,78	460,41	0	0	204	540	0	0
Bundle 09	1000			746,354	346,984	0	0	254	653	0	0	672	314,422	0	0	328	686	0	0
Bundle 09	1000			746,354	346,984	0	0	254	653	0	0	672	314,422	0	0	328	686	0	0
Bundle 09	1000			642,451	335,773	0	0	358	664	0	0	574,887	300,146	0	0	425	700	0	0
Bundle 09	1000			661,324	347,715	0	0	339	652	0	0	594,998	312,743	0	0	405	687	0	0
Bundle 09	1000			673,055	368,244	0	0	327	632	0	0	605,143	330,497	0	0	395	670	0	0
Bundle 09	1000			838,349	485,016	0	0	162	515	0	0	748,294	432,631	0	0	252	567	0	0
Bundle 10	1000			736,652	344,155	0	0	263	656	0	0	685,72	322,68	0	0	314	677	0	0
Bundle 10	1000			331,31	110,279	0	0	669	890	0	0	298,9	99,491	0	0	701	901	0	0
Bundle 10	1000			636,367	332,426	0	0	364	668	0	0	593,105	309,559	0	0	407	690	0	0
Bundle 10	1000			656,765	345,266	0	0	343	655	0	0	614,861	323,153	0	0	385	677	0	0
Bundle 10	1000			668,199	365,275	0	0	332	635	0	0	625,217	341,276	0	0	375	659	0	0
Bundle 10	1000			829,41	479,694	0	0	171	520	0	0	771,416	445,909	0	0	229	554	0	0
Bundle 11	1000			493,306	279,038	0	0	507	721	0	0	448,716	253,936	0	0	551	746	0	0
Bundle 11	1000			493,306	279,038	0	0	507	721	0	0	448,716	253,936	0	0	551	746	0	0
Bundle 11	1000			493,306	279,038	0	0	507	721	0	0	448,716	253,936	0	0	551	746	0	0
Bundle 11	1000			493,306	279,038	0	0	507	721	0	0	448,716	253,936	0	0	551	746	0	0
Bundle 11	2000			527,131	279,038	0	0	1473	1721	0	0	478,763	253,468	0	0	1521	1747	0	0
Bundle 11	1000			493,553	279,194	0	0	506	721	0	0	447,974	253,468	0	0	552	747	0	0
Bundle 11	1000			493,553	279,194	0	0	506	721	0	0	447,974	253,468	0	0	552	747	0	0
Bundle 11	1000			493,553	279,194	0	0	506	721	0	0	447,974	253,468	0	0	552	747	0	0
Bundle 11	2000			527,411	279,194	0	0	1473	1721	0	0	478,763	253,468	0	0	1521	1747	0	0
Bundle 12	1000			497,91	283,014	0	0	502	717	0	0	457,521	259,961	0	0	542	740	0	0
Bundle 12	1000			497,91	283,014	0	0	502	717	0	0	457,521	259,961	0	0	542	740	0	0
Bundle 12	1000			497,91	283,014	0	0	502	717	0	0	455,789	258,869	0	0	544	741	0	0
Bundle 12	1000			497,91	283,014	0	0	502	717	0	0	455,789	258,869	0	0	544	741	0	0
Bundle 12	1000			497,91	283,014	0	0	502	717	0	0	455,789	258,869	0	0	544	741	0	0
Bundle 12	2000			533,424	283,014	0	0	1467	1717	0	0	488,096	258,869	0	0	1512	1741	0	0
Bundle 12	1000			497,662	282,858	0	0	502	717	0	0	455,789	258,869	0	0	544	741	0	0
Bundle 12	1000			497,662	282,858	0	0	502	717	0	0	455,789	258,869	0	0	544	741	0	0
Bundle 12	1000			497,662	282,858	0	0	502	717	0	0	455,789	258,869	0	0	544	741	0	0
Bundle 12	2000			533,144	282,858	0	0	1467	1717	0	0	488,096	258,869	0	0	1512	1741	0	0

Designation					Destination		Cable		Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)				CVV int. Harness				CVV I/F-CB to OBA CU's						
Harness Bundle	Cable_ID	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	condu.	C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)			
															C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 13	077	Shielded cable, Brass, Fwhee1 drive	FPFPU	P01	MEC	P13	1	H02-02130	BRASS	61,2	35,5			2,416	147,859	85,768	0	0	2,29	140,148	81,295	0	0
Bundle 13	078	Shielded cable, SST,FW1 Hall Sens1	FPFPU	P01	MEC	P13	1	H04138	SST	49,2	29,4			2,416	118,867	71,0304	0	0	2,29	112,668	67,326	0	0
Bundle 13	079	Shielded cable, SST,FW1 Hall Sens2	FPFPU	P01	MEC	P13	1	H04138	SST	49,2	29,4			2,416	118,867	71,0304	0	0	2,29	112,668	67,326	0	0
Bundle 13	080	Shielded cable, SST,FW1 Pos Sens	FPFPU	P01	MEC	P13	1	H08138	SST	46,4	26,9			2,416	112,102	64,9904	0	0	2,29	106,256	61,601	0	0
Bundle 13	081	Shielded cable, SST,FW1 Temp Sens	FPFPU	P01	MEC	P13	1	H04138	SST	49,2	29,4			2,416	118,867	71,0304	0	0	2,29	112,668	67,326	0	0
Bundle 13	087	Shielded cable, Brass, Fwhee21 drive	FPFPU	P03	MEC	P14	1	H02-02130	BRASS	61,2	35,5			2,903	177,664	103,057	0	0	2,8	171,36	99,4	0	0
Bundle 13	088	Shielded cable, SST,FW2 Hall Sens1	FPFPU	P03	MEC	P14	1	H04138	SST	49,2	29,4			2,903	142,828	85,3482	0	0	2,8	137,76	82,32	0	0
Bundle 13	089	Shielded cable, SST,FW2 Hall Sens2	FPFPU	P03	MEC	P14	1	H04138	SST	49,2	29,4			2,903	142,828	85,3482	0	0	2,8	137,76	82,32	0	0
Bundle 13	090	Shielded cable, SST,FW2 Pos Sens	FPFPU	P03	MEC	P14	1	H08138	SST	46,4	26,9			2,903	134,699	78,0907	0	0	2,8	129,92	75,32	0	0
Bundle 13	091	Shielded cable, SST,FW2 Temp Sens	FPFPU	P03	MEC	P14	1	H04138	SST	49,2	29,4			2,903	142,828	85,3482	0	0	2,8	137,76	82,32	0	0
Bundle 13	124	Shielded cable, SST, 2 FPU T Sensors red.	FPFPU	P09	MEC	P116	1	H08138	SST	46,4	26,9			2,476	114,886	66,6044	0	0	2,337	108,437	62,8653	0	0
Bundle 13	113	Shielded cable, SST, Chp Pos Sens1	FPFPU	P07	MEC	P17	1	H08138(4)	SST	46,4	26,9			2,764	128,25	74,3516	0	0	2,7	125,28	72,63	0	0
Bundle 13	113	Shielded cable, SST, Chp Pos Sens1	FPFPU	P07	MEC	P17		H08138(4)	SST	46,4	26,9			2,764	128,25	74,3516	0	0	2,7	125,28	72,63	0	0
Bundle 13	114	Shielded cable, SST, Chp Pos Sens2	FPFPU	P07	MEC	P17	1	H08138(4)	SST	46,4	26,9			2,764	128,25	74,3516	0	0	2,7	125,28	72,63	0	0
Bundle 13	114	Shielded cable, SST, Chp Pos Sens2	FPFPU	P07	MEC	P17		H08138(4)	SST	46,4	26,9			2,764	128,25	74,3516	0	0	2,7	125,28	72,63	0	0
Bundle 13	115	Shielded cable, SST, Chp TSensor	FPFPU	P07	MEC	P17	1	H04138	SST	49,2	29,4			2,764	135,989	81,2616	0	0	2,7	132,84	79,38	0	0
Bundle 13	116	Shielded cable, Brass, Chopper drive	FPFPU	P07	MEC	P17	1	H02-02130	BRASS	61,2	35,5			2,764	169,157	98,122	0	0	2,7	165,24	95,85	0	0
Bundle 13	116a	Shielded cable, Brass, Chopper drive	FPFPU	P07	MEC	P17	1	H02-02130	BRASS	61,2	35,5			2,764	169,157	98,122	0	0	2,7	165,24	95,85	0	0
Bundle 14	082	Shielded cable, Brass, Fwhee1 drive	FPFPU	P02	MEC	P113	1	H02-02130	BRASS	61,2	35,5			2,587	158,324	91,8385	0	0	2,445	149,634	86,7975	0	0
Bundle 14	083	Shielded cable, SST,FW1 Hall Sens	FPFPU	P02	MEC	P113	1	H04138	SST	49,2	29,4			2,587	127,28	76,0578	0	0	2,445	120,294	71,883	0	0
Bundle 14	084	Shielded cable, SST,FW1 Hall Sens	FPFPU	P02	MEC	P113	1	H04138	SST	49,2	29,4			2,587	127,28	76,0578	0	0	2,445	120,294	71,883	0	0
Bundle 14	085	Shielded cable, SST,FW1 Pos Sens	FPFPU	P02	MEC	P113	1	H08138	SST	46,4	26,9			2,587	120,037	69,5903	0	0	2,445	113,448	65,7705	0	0
Bundle 14	086	Shielded cable, SST,FW1 Temp Sens	FPFPU	P02	MEC	P113	1	H04138	SST	49,2	29,4			2,587	127,28	76,0578	0	0	2,445	120,294	71,883	0	0
Bundle 14	092	Shielded cable, Brass, Fwhee2 drive	FPFPU	P04	MEC	P114	1	H02-02130	BRASS	61,2	35,5			3,128	191,434	111,044	0	0	3,05	186,66	108,275	0	0
Bundle 14	093	Shielded cable, SST,FW2 Hall Sens1	FPFPU	P04	MEC	P114	1	H04138	SST	49,2	29,4			3,128	153,898	91,9632	0	0	3,05	150,06	89,67	0	0
Bundle 14	094	Shielded cable, SST,FW2 Hall Sens2	FPFPU	P04	MEC	P114	1	H04138	SST	49,2	29,4			3,128	153,898	91,9632	0	0	3,05	150,06	89,67	0	0
Bundle 14	095	Shielded cable, SST,FW2 Pos Sens	FPFPU	P04	MEC	P114	1	H08138	SST	46,4	26,9			3,128	145,139	84,1432	0	0	3,05	141,52	82,045	0	0
Bundle 14	096	Shielded cable, SST,FW2 Temp Sens	FPFPU	P04	MEC	P114	1	H04138	SST	49,2	29,4			3,128	153,898	91,9632	0	0	3,05	150,06	89,67	0	0
Bundle 14	120	Shielded cable, Brass, CalS1 red drive	FPFPU	P06	MEC	P115	1	H02-02130	BRASS	61,2	35,5			2,747	168,116	97,5185	0	0	2,63	160,956	93,365	0	0
Bundle 14	121	Shielded cable, Brass, CalS1 red drive	FPFPU	P06	MEC	P115	1	H02-02130	BRASS	61,2	35,5			2,747	168,116	97,5185	0	0	2,63	160,956	93,365	0	0
Bundle 14	122	Shielded cable, SST, CalS1 T Sensor	FPFPU	P06	MEC	P115	1	H04138	SST	49,2	29,4			2,747	135,152	80,7618	0	0	2,63	129,396	77,322	0	0
Bundle 14	105	Shielded cable, Brass, Grating drive, LL	FPFPU	P42	MEC	P111	1	H03-02130	BRASS	63,7	51,4			1,151	73,3187	59,1614	0	0	1,11	70,707	57,054	0	0
Bundle 14	106	Shielded cable, SST, Grating switches	FPFPU	P42	MEC	P111	1	H08138	SST	46,4	26,9			1,151	53,4064	30,9619	0	0	1,11	51,504	29,859	0	0
Bundle 14	107	Shielded cable, Brass, Grt. sens. drv	FPFPU	P42	MEC	P111	1	H02130	BRASS	80,7	47,8			1,151	92,8857	55,0178	0	0	1,11	89,577	53,058	0	0
Bundle 14	108	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P43	MEC	P112	1	H06138(4)	SST	75,5	24,4			1,151	86,9005	28,0844	0	0	1,11	83,805	27,084	0	0
Bundle 14	108	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P43	MEC	P112		H06138(2)	SST	75,5	24,4			1,165	87,9575	28,426	0	0	1,12	84,56	27,328	0	0
Bundle 14	109	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P43	MEC	P112	1	H06138(4)	SST	75,5	24,4			1,165	87,9575	28,426	0	0	1,12	84,56	27,328	0	0
Bundle 14	109	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P43	MEC	P112		H06138(2)	SST	75,5	24,4			1,165	87,9575	28,426	0	0	1,12	84,56	27,328	0	0
Bundle 14	110	Shielded cable, SST, Gdrv Sensor sin	FPFPU	P43	MEC	P112	1	H02138	SST	46,9	28,5			1,165	54,6385	33,2025	0	0	1,12	52,528	31,92	0	0
Bundle 14	111	Shielded cable, SST, Gdrv Sensor cos	FPFPU	P43	MEC	P112	1	H02138	SST	46,9	28,5			1,165	54,6385	33,2025	0	0	1,12	52,528	31,92	0	0

CVV ext. Harness											SVM-CB to CVV I/F-CB											SVM int. Harness SVM-CB to WEU's																
Harness Bundle	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)				Harness Bundle	Characteristic cable capacity (pF/m) GORE / CASA (Cu)				Unit	Connector	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)														
		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)				C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)											
Bundle 13	2,387	146,084	84,7385	0	0	2,09	127,908	74,195	0	0	Bundle 13	71,4	35,5		MEC	P13	3,126	223,196	110,973	0	0	2,80	199,92	99,4	0	0												
Bundle 13	2,387	117,44	70,1778	0	0	2,09	102,828	61,446	0	0	Bundle 13	126,0	72,7		MEC	P13	3,126	393,876	227,26	0	0	2,80	352,8	203,56	0	0												
Bundle 13	2,387	117,44	70,1778	0	0	2,09	102,828	61,446	0	0	Bundle 13	126,0	72,7		MEC	P13	3,126	393,876	227,26	0	0	2,80	352,8	203,56	0	0												
Bundle 13	2,387	110,757	64,2103	0	0	2,09	96,976	56,221	0	0	Bundle 13	126,0	72,7		MEC	P13	3,126	393,876	227,26	0	0	2,80	352,8	203,56	0	0												
Bundle 13	2,387	117,44	70,1778	0	0	2,09	102,828	61,446	0	0	Bundle 13	126,0	72,7		MEC	P13	3,126	393,876	227,26	0	0	2,80	352,8	203,56	0	0												
Bundle 13	2,387	146,084	84,7385	0	0	2,09	127,908	74,195	0	0	Bundle 13	71,4	35,5		MEC	P14	3,046	217,484	108,133	0	0	2,75	196,35	97,625	0	0												
Bundle 13	2,387	117,44	70,1778	0	0	2,09	102,828	61,446	0	0	Bundle 13	126,0	72,7		MEC	P14	3,046	383,796	221,444	0	0	2,75	346,5	199,925	0	0												
Bundle 13	2,387	117,44	70,1778	0	0	2,09	102,828	61,446	0	0	Bundle 13	126,0	72,7		MEC	P14	3,046	383,796	221,444	0	0	2,75	346,5	199,925	0	0												
Bundle 13	2,387	110,757	64,2103	0	0	2,09	96,976	56,221	0	0	Bundle 13	126,0	72,7		MEC	P14	3,046	383,796	221,444	0	0	2,75	346,5	199,925	0	0												
Bundle 13	2,387	117,44	70,1778	0	0	2,09	102,828	61,446	0	0	Bundle 13	126,0	72,7		MEC	P14	3,046	383,796	221,444	0	0	2,75	346,5	199,925	0	0												
Bundle 13	2,387	110,757	64,2103	0	0	2,09	96,976	56,221	0	0	Bundle 13	126,0	72,7		MEC	P116	3,507	441,882	254,959	0	0	2,98	375,48	216,646	0	0												
Bundle 13	2,387	110,757	64,2103	0	0	2,09	96,976	56,221	0	0	Bundle 13	110,6	56,0		MEC	P17	3,077	340,316	172,312	0	0	2,72	300,832	152,32	0	0												
Bundle 13	2,387	110,757	64,2103	0	0	2,09	96,976	56,221	0	0	Bundle 13	110,6	56,0		MEC	P17	3,077	340,316	172,312	0	0	2,72	300,832	152,32	0	0												
Bundle 13	2,387	110,757	64,2103	0	0	2,09	96,976	56,221	0	0	Bundle 13	110,6	56,0		MEC	P17	3,077	340,316	172,312	0	0	2,72	300,832	152,32	0	0												
Bundle 13	2,387	110,757	64,2103	0	0	2,09	96,976	56,221	0	0	Bundle 13	110,6	56,0		MEC	P17	3,077	340,316	172,312	0	0	2,72	300,832	152,32	0	0												
Bundle 13	2,387	117,44	70,1778	0	0	2,09	102,828	61,446	0	0	Bundle 13	126,0	72,7		MEC	P17	3,077	387,702	223,698	0	0	2,72	342,72	197,744	0	0												
Bundle 13	2,387	146,084	84,7385	0	0	2,09	127,908	74,195	0	0	Bundle 13	71,4	35,5		MEC	P17	3,077	219,698	109,234	0	0	2,72	194,208	96,56	0	0												
Bundle 13	2,387	146,084	84,7385	0	0	2,09	127,908	74,195	0	0	Bundle 13	71,4	35,5		MEC	P17	3,077	219,698	109,234	0	0	2,72	194,208	96,56	0	0												
Bundle 14	2,257	138,128	80,1235	0	0	1,93	118,116	68,515	0	0	Bundle 14	71,4	35,5		MEC	P113	2,71	193,494	96,205	0	0	2,51	179,214	89,105	0	0												
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7		MEC	P113	2,71	341,46	197,017	0	0	2,51	316,26	182,477	0	0												
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7		MEC	P113	2,71	341,46	197,017	0	0	2,51	316,26	182,477	0	0												
Bundle 14	2,257	104,725	60,7133	0	0	1,93	89,552	51,917	0	0	Bundle 14	126,0	72,7		MEC	P113	2,71	341,46	197,017	0	0	2,51	316,26	182,477	0	0												
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7		MEC	P113	2,71	341,46	197,017	0	0	2,51	316,26	182,477	0	0												
Bundle 14	2,257	138,128	80,1235	0	0	1,93	118,116	68,515	0	0	Bundle 14	71,4	35,5		MEC	P114	2,811	200,705	99,7905	0	0	2,65	189,21	94,075	0	0												
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7		MEC	P114	2,811	354,186	204,36	0	0	2,65	333,9	192,655	0	0												
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7		MEC	P114	2,811	354,186	204,36	0	0	2,65	333,9	192,655	0	0												
Bundle 14	2,257	104,725	60,7133	0	0	1,93	89,552	51,917	0	0	Bundle 14	126,0	72,7		MEC	P114	2,811	354,186	204,36	0	0	2,65	333,9	192,655	0	0												
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7		MEC	P114	2,811	354,186	204,36	0	0	2,65	333,9	192,655	0	0												
Bundle 14	2,257	138,128	80,1235	0	0	1,93	118,116	68,515	0	0	Bundle 14	71,4	35,5		MEC	P115	2,821	201,419	100,146	0	0	2,64	188,496	93,72	0	0												
Bundle 14	2,257	138,128	80,1235	0	0	1,93	118,116	68,515	0	0	Bundle 14	71,4	35,5		MEC	P115	2,821	201,419	100,146	0	0	2,64	188,496	93,72	0	0												
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7		MEC	P115	2,821	355,446	205,087	0	0	2,64	332,64	191,928	0	0												
Bundle 14	2,257	143,771	116,01	0	0	1,93	122,941	99,202	0	0	Bundle 14	110,8	57,5		MEC	P111	2,883	319,436	165,773	0	0	2,72	301,376	156,4	0	0												
Bundle 14	2,257	104,725	60,7133	0	0	1,93	89,552	51,917	0	0	Bundle 14	126,0	72,7		MEC	P111	2,883	363,258	209,594	0	0	2,72	342,72	197,744	0	0												
Bundle 14	2,257	182,14	107,885	0	0	1,93	155,751	92,254	0	0	Bundle 14	133,5	75,6		MEC	P111	2,883	384,881	217,955	0	0	2,72	363,12	205,632	0	0												
Bundle 14	2,257	170,404	55,0708	0	0	1,93	145,715	47,092	0	0	Bundle 14	126,0	72,7		MEC	P112	2,883	363,258	209,594	0	0	2,62	330,12	190,474	0	0												
Bundle 14	2,257	170,404	55,0708	0	0	1,93	145,715	47,092	0	0	Bundle 14	126,0	72,7		MEC	P112	2,883	363,258	209,594	0	0	2,62	330,12	190,474	0	0												
Bundle 14	2,257	170,404	55,0708	0	0	1,93	145,715	47,092	0	0	Bundle 14	126,0	72,7		MEC	P112	2,883	363,258	209,594	0	0	2,62	330,12	190,474	0	0												
Bundle 14	2,257	170,404	55,0708	0	0	1,93	145,715	47,092	0	0	Bundle 14	126,0	72,7		MEC	P112	2,883	363,258	209,594	0	0	2,62	330,12	190,474	0	0												
Bundle 14	2,257	105,853	64,3245	0	0	1,93	90,517	55,005	0	0	Bundle 14	133,5	75,6		MEC	P112	2,883	384,881	217,955	0	0	2,62	349,77	198,072	0	0												
Bundle 14	2,257	105,853	64,3245	0	0	1,93	90,517	55,005	0	0	Bundle 14	133,5	75,6		MEC	P112	2,883	384,881	217,955	0	0	2,62	349,77	198,072	0	0												

Harness Bundle	Capacity (pF) Required			Herschel Cryo Harness overall															
				Overall predicted wire capacity (pF)				Delta of Overall predeicted wire capacity (pF)				Overall calculated wire capacity (pF)				Delta of Overall calculated wire capacity (pF)			
	C_max core / inner Shd (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total
Bundle 13	2000			517,14	281,48	0	0	1483	1719	0	0	467,976	254,89	0	0	1532	1745	0	0
Bundle 13	1000			630,184	368,468	0	0	370	632	0	0	568,296	332,332	0	0	432	668	0	0
Bundle 13	1000			630,184	368,468	0	0	370	632	0	0	568,296	332,332	0	0	432	668	0	0
Bundle 13	1000			616,735	356,461	0	0	383	644	0	0	556,032	321,382	0	0	444	679	0	0
Bundle 13	1000			630,184	368,468	0	0	370	632	0	0	568,296	332,332	0	0	432	668	0	0
Bundle 13	2000			541,232	295,928	0	0	1459	1704	0	0	495,618	271,22	0	0	1504	1729	0	0
Bundle 13	1000			644,064	376,97	0	0	356	623	0	0	587,088	343,691	0	0	413	656	0	0
Bundle 13	1000			644,064	376,97	0	0	356	623	0	0	587,088	343,691	0	0	413	656	0	0
Bundle 13	1000			629,252	363,745	0	0	371	636	0	0	573,396	331,466	0	0	427	669	0	0
Bundle 13	1000			644,064	376,97	0	0	356	623	0	0	587,088	343,691	0	0	413	656	0	0
Bundle 13	1000			667,525	385,774	0	0	332	614	0	0	580,893	335,732	0	0	419	664	0	0
Bundle 13	1000			579,323	310,874	0	0	421	689	0	0	523,088	281,171	0	0	477	719	0	0
Bundle 13	1000			579,323	310,874	0	0	421	689	0	0	523,088	281,171	0	0	477	719	0	0
Bundle 13	1000			579,323	310,874	0	0	421	689	0	0	523,088	281,171	0	0	477	719	0	0
Bundle 13	1000			579,323	310,874	0	0	421	689	0	0	523,088	281,171	0	0	477	719	0	0
Bundle 13	1000			641,131	375,137	0	0	359	625	0	0	578,388	338,57	0	0	422	661	0	0
Bundle 13	2000			534,939	292,094	0	0	1465	1708	0	0	487,356	266,605	0	0	1513	1733	0	0
Bundle 13	2000			534,939	292,094	0	0	1465	1708	0	0	487,356	266,605	0	0	1513	1733	0	0
Bundle 14	2000			489,947	268,167	0	0	1510	1732	0	0	446,964	244,418	0	0	1553	1756	0	0
Bundle 14	1000			579,785	339,431	0	0	420	661	0	0	531,51	311,102	0	0	468	689	0	0
Bundle 14	1000			579,785	339,431	0	0	420	661	0	0	531,51	311,102	0	0	468	689	0	0
Bundle 14	1000			566,222	327,321	0	0	434	673	0	0	519,26	300,165	0	0	481	700	0	0
Bundle 14	1000			579,785	339,431	0	0	420	661	0	0	531,51	311,102	0	0	468	689	0	0
Bundle 14	1000			530,267	290,958	0	0	470	709	0	0	493,986	270,865	0	0	506	729	0	0
Bundle 14	1000			619,128	362,679	0	0	381	637	0	0	578,916	339,067	0	0	421	661	0	0
Bundle 14	1000			619,128	362,679	0	0	381	637	0	0	578,916	339,067	0	0	421	661	0	0
Bundle 14	1000			604,05	349,216	0	0	396	651	0	0	564,972	326,617	0	0	435	673	0	0
Bundle 14	1000			619,128	362,679	0	0	381	637	0	0	578,916	339,067	0	0	421	661	0	0
Bundle 14	2000			507,664	277,788	0	0	1492	1722	0	0	467,568	255,6	0	0	1532	1744	0	0
Bundle 14	2000			507,664	277,788	0	0	1492	1722	0	0	467,568	255,6	0	0	1532	1744	0	0
Bundle 14	1000			601,643	352,204	0	0	398	648	0	0	556,992	325,992	0	0	443	674	0	0
Bundle 14	2000			536,526	340,944	0	0	1463	1659	0	0	495,024	312,656	0	0	1505	1687	0	0
Bundle 14	1000			521,389	301,269	0	0	479	699	0	0	483,776	279,52	0	0	516	720	0	0
Bundle 14	2000			659,906	380,857	0	0	1340	1619	0	0	608,448	350,944	0	0	1392	1649	0	0
Bundle 14	1000			620,562	292,749	0	0	379	707	0	0	559,64	264,65	0	0	440	735	0	0
Bundle 14	1000			621,619	293,091	0	0	378	707	0	0	560,395	264,894	0	0	440	735	0	0
Bundle 14	1000			621,619	293,091	0	0	378	707	0	0	560,395	264,894	0	0	440	735	0	0
Bundle 14	1000			621,619	293,091	0	0	378	707	0	0	560,395	264,894	0	0	440	735	0	0
Bundle 14	1000			545,372	315,482	0	0	455	685	0	0	492,815	284,997	0	0	507	715	0	0
Bundle 14	1000			545,372	315,482	0	0	455	685	0	0	492,815	284,997	0	0	507	715	0	0

Designation					Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)				CVV int. Harness				CVV I/F-CB to OBA CU's					
Harness Bundle	Cable_ID	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	condu.	C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)			
															C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)
Bundle 14	112	Shielded cable, SST, Gdrv TSensor	FPFPU	P43	MEC	P112	1	H04138	SST	49,2	29,4			1,165	57,318	34,251	0	0	1,12	55,104	32,928	0	0
Bundle 15	117	Shielded cable, Brass, CalS1 nom drive	FPFPU	P05	MEC	P15	1	H02-02130	BRASS	61,2	35,5			2,691	164,689	95,5305	0	0	2,56	156,672	90,88	0	0
Bundle 15	118	Shielded cable, Brass, CalS1 nom drive	FPFPU	P05	MEC	P15	1	H02-02130	BRASS	61,2	35,5			2,691	164,689	95,5305	0	0	2,56	156,672	90,88	0	0
Bundle 15	119	Shielded cable, SST, CalS1 T Sensor	FPFPU	P05	MEC	P15	1	H04138	SST	49,2	29,4			2,691	132,397	79,1154	0	0	2,56	125,952	75,264	0	0
Bundle 15	123	Shielded cable, SST, 2 FPU T Sensors nom.	FPFPU	P08	MEC	P16	1	H08138	SST	46,4	26,9			2,584	119,898	69,5096	0	0	2,48	115,072	66,712	0	0
Bundle 15	097	Shielded cable, Brass, Grating drive, LL	FPFPU	P40	MEC	P11	1	H03-02130	BRASS	63,7	51,4			1,181	75,2297	60,7034	0	0	1	63,7	51,4	0	0
Bundle 15	098	Shielded cable, SST, Grating switches	FPFPU	P40	MEC	P11	1	H08138	SST	46,4	26,9			1,181	54,7984	31,7689	0	0	1	46,4	26,9	0	0
Bundle 15	099	Shielded cable, Brass, Grat. sens. drv	FPFPU	P40	MEC	P11	1	H02130	BRASS	80,7	47,8			1,181	95,3067	56,4518	0	0	1	80,7	47,8	0	0
Bundle 15	100	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P41	MEC	P12	1	H06138(4)	SST	75,5	24,3			1,196	90,298	29,0628	0	0	1,02	77,01	24,786	0	0
Bundle 15	100	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P41	MEC	P12	1	H06138(2)	SST	75,5	24,3			1,196	90,298	29,0628	0	0	1,02	77,01	24,786	0	0
Bundle 15	101	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P41	MEC	P12	1	H06138(4)	SST	75,5	24,3			1,196	90,298	29,0628	0	0	1,02	77,01	24,786	0	0
Bundle 15	101	Shielded cable, SST, Gdrv Hall Sens1	FPFPU	P41	MEC	P12	1	H06138(2)	SST	75,5	24,3			1,196	90,298	29,0628	0	0	1,02	77,01	24,786	0	0
Bundle 15	102	Shielded cable, SST, Gdrv Sensor sin	FPFPU	P41	MEC	P12	1	H02138	SST	46,9	28,5			1,196	56,0924	34,086	0	0	1,02	47,838	29,07	0	0
Bundle 15	103	Shielded cable, SST, Gdrv Sensor cos	FPFPU	P41	MEC	P12	1	H02138	SST	46,9	28,5			1,196	56,0924	34,086	0	0	1,02	47,838	29,07	0	0
Bundle 15	104	Shielded cable, SST, Gdrv TSensor	FPFPU	P41	MEC	P12	1	H04138	SST	49,2	29,4			1,196	58,8432	35,1624	0	0	1,02	50,184	29,988	0	0

CVV ext. Harness SVM-CB to CVV I/F-CB											SVM int. Harness SVM-CB to WEU's																		
Harness Bundle	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)				Harness Bundle	Characteristic cable capacity (pF/m) GORE / CASA (Cu)				Unit	Connector	CATIA Harness lth (m)	Predicted wire capacity in (pF)				as built lth (m) measured by CASA / ASSE	calculated wire capacity in (pF)					
		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_core / inner Shd (pF/m)	C_core / core (pF/m)	C_inner Shd / outer Shd (pF/m)	C_core / outer Shd (pF/m)				C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		C_max core / inner Shd (pF)	C_core / core (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)		
Bundle 14	2,257	111,044	66,3558	0	0	1,93	94,956	56,742	0	0	Bundle 14	126,0	72,7			MEC	P112	2,883	363,258	209,594	0	0	2,62	330,12	190,474	0	0		
Bundle 15	2,7	165,24	95,85	0	0	2,39	146,268	84,845	0	0	Bundle 15	71,4	35,5			MEC	P15	3,049	217,699	108,24	0	0	2,88	205,632	102,24	0	0		
Bundle 15	2,7	165,24	95,85	0	0	2,39	146,268	84,845	0	0	Bundle 15	71,4	35,5			MEC	P15	3,049	217,699	108,24	0	0	2,88	205,632	102,24	0	0		
Bundle 15	2,7	132,84	79,38	0	0	2,39	117,588	70,266	0	0	Bundle 15	126,0	72,7			MEC	P15	3,049	384,174	221,662	0	0	2,88	362,88	209,376	0	0		
Bundle 15	2,7	125,28	72,63	0	0	2,39	110,896	64,291	0	0	Bundle 15	126,0	72,7			MEC	P16	2,936	369,936	213,447	0	0	2,90	365,4	210,83	0	0		
Bundle 15	2,7	171,99	138,78	0	0	2,39	152,243	122,846	0	0	Bundle 15	110,8	57,5			MEC	P11	2,936	325,309	168,82	0	0	2,80	310,24	161	0	0		
Bundle 15	2,7	125,28	72,63	0	0	2,39	110,896	64,291	0	0	Bundle 15	126,0	72,7			MEC	P11	2,936	369,936	213,447	0	0	2,80	352,8	203,56	0	0		
Bundle 15	2,7	217,89	129,06	0	0	2,39	192,873	114,242	0	0	Bundle 15	133,5	75,6			MEC	P11	2,936	391,956	221,962	0	0	2,80	373,8	211,68	0	0		
Bundle 15	2,7	203,85	65,61	0	0	2,39	180,445	58,077	0	0	Bundle 15	126,0	72,7			MEC	P12	2,958	372,708	215,047	0	0	2,90	365,4	210,83	0	0		
Bundle 15	2,7	203,85	65,61	0	0	2,39	180,445	58,077	0	0	Bundle 15	126,0	72,7			MEC	P12	2,958	372,708	215,047	0	0	2,90	365,4	210,83	0	0		
Bundle 15	2,7	203,85	65,61	0	0	2,39	180,445	58,077	0	0	Bundle 15	126,0	72,7			MEC	P12	2,958	372,708	215,047	0	0	2,90	365,4	210,83	0	0		
Bundle 15	2,7	126,63	76,95	0	0	2,39	112,091	68,115	0	0	Bundle 15	133,5	75,6			MEC	P12	2,958	394,893	223,625	0	0	2,90	387,15	219,24	0	0		
Bundle 15	2,7	126,63	76,95	0	0	2,39	112,091	68,115	0	0	Bundle 15	133,5	75,6			MEC	P12	2,958	394,893	223,625	0	0	2,90	387,15	219,24	0	0		
Bundle 15	2,7	132,84	79,38	0	0	2,39	117,588	70,266	0	0	Bundle 15	126,0	72,7			MEC	P12	2,958	372,708	215,047	0	0	2,90	365,4	210,83	0	0		

Harness Bundle	Capacity (pF) Required			Herschel Cryo Harness overall															
				Overall predicted wire capacity (pF)				Delta of Overall predicted wire capacity (pF)				Overall calculated wire capacity (pF)				Delta of Overall calculated wire capacity (pF)			
	C_max core / inner Shd (pF)	C_max inner Shd / outer Shd (pF)	C_max core / outer Shd (pF)	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total	C_max core / inner Shd (pF) total	C_max core / core (pF) total	C_max inner Shd / outer Shd (pF) total	C_max core / outer Shd (pF) total	delta C core / inner Shd (pF)	delta C core / core (pF)	delta C inner Shd / outer Shd (pF)	delta C_core / outer Shd (pF) total
Bundle 14	1000			531,62	310,201	0	0	468	690	0	0	480,18	280,144	0	0	520	720	0	0
Bundle 15	2000																		
Bundle 15	2000			547,628	299,62	0	0	1452	1700	0	0	508,572	277,965	0	0	1491	1722	0	0
Bundle 15	1000			649,411	380,158	0	0	351	620	0	0	606,42	354,906	0	0	394	645	0	0
Bundle 15	1000			615,114	355,587	0	0	385	644	0	0	591,368	341,833	0	0	409	658	0	0
Bundle 15	2000			572,529	368,303	0	0	1427	1632	0	0	526,183	335,246	0	0	1474	1665	0	0
Bundle 15	1000			550,014	317,846	0	0	450	682	0	0	510,096	294,751	0	0	490	705	0	0
Bundle 15	2000			705,153	407,473	0	0	1295	1593	0	0	647,373	373,722	0	0	1353	1626	0	0
Bundle 15	1000			666,856	309,719	0	0	333	690	0	0	622,855	293,693	0	0	377	706	0	0
Bundle 15	1000			666,856	309,719	0	0	333	690	0	0	622,855	293,693	0	0	377	706	0	0
Bundle 15	1000			666,856	309,719	0	0	333	690	0	0	622,855	293,693	0	0	377	706	0	0
Bundle 15	1000			666,856	309,719	0	0	333	690	0	0	622,855	293,693	0	0	377	706	0	0
Bundle 15	1000			577,615	334,661	0	0	422	665	0	0	547,079	316,425	0	0	453	684	0	0
Bundle 15	1000			577,615	334,661	0	0	422	665	0	0	547,079	316,425	0	0	453	684	0	0
Bundle 15	1000			564,391	329,589	0	0	436	670	0	0	533,172	311,084	0	0	467	689	0	0

Designation			Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	CVV int.Harness		CVV-I/F-CB to OBA Cold Units				
									Predicted wire capacity in (pF)		calculated wire capacity in (pF)		Capacity (pF) Required	Delta of predeicted wire capacity (pF)	Delta of calculated wire capacity (pF)
Harness Bundle	Unit	Connector	Unit	Connector	no_of_cable	cable_types	condu.	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	Cmax_core / inner Shd (pF)	Cmax_core / inner Shd (pF)
Bundle01	HSJFS	P005	CVV	J032	2	H12-4032	SST	40,3	1,415	57,0	1,33	53,6	1000	943,0	946
Bundle01	HSJFS	P005	CVV	J032	1	H12-4032	SST	40,3	1,415	57,0	1,33	53,6	1000	943,0	946
Bundle01	HSJFS	P006	CVV	J032	2	H12-4032	SST	40,3	1,415	57,0	1,33	53,6	1000	943,0	946
Bundle01	HSJFS	P006	CVV	J032	1	H12-4032	SST	40,3	1,415	57,0	1,33	53,6	1000	943,0	946
Bundle01	HSJFS	P009	CVV	J032	1	H02238	BRASS	54,4	1,468	79,9	1,31	71,3	1000	920,1	929
Bundle01	HSJFS	P009	CVV	J032	1	H01030	BRASS		1,468		1,31				
Bundle01	HSJFS	P009	CVV	J032	1	H02238	BRASS	54,4	1,468	79,9	1,31	71,3	1000	920,1	929
Bundle01	HSJFS	P009	CVV	J032	2	H02238	SST	58,1	1,468	85,3	1,31	76,1	1000	914,7	924
Bundle01	HSJFS	P009	CVV	J032	2	H02238	BRASS	54,4	1,468	79,9	1,31	71,3	1000	920,1	929
Bundle01	HSJFS	P009	CVV	J032	1	H01030	BRASS		1,468		1,31				
Bundle01	HSJFS	P009	CVV	J032	2	H02238	SST	58,1	1,468	85,3	1,31	76,1	1000	914,7	924
Bundle01	HSJFS	P009	CVV	J032	2	H02238	BRASS	54,4	1,468	79,9	1,31	71,3	1000	920,1	929
Bundle01	HSJFS	P009	CVV	J032	1	H01030	BRASS		1,468		1,31				
Bundle01	HSJFS	P009	CVV	J032	1	H02238	BRASS	54,4	1,468	79,9	1,31	71,3	1000	920,1	929
Bundle01	HSJFS	P009	CVV	J032	1	H02238	BRASS	54,4	1,468	79,9	1,31	71,3	1000	920,1	929
Bundle01	HSJFS	P009	CVV	J032	1	H02238	BRASS	54,4	1,468	79,9	1,31	71,3	1000	920,1	929
Bundle01	HSJFS	P010	CVV	J032	1	H02238	BRASS	54,4	1,474	80,2	1,35	73,4	1000	919,8	927
Bundle01	HSJFS	P010	CVV	J032	1	H01030	BRASS		1,474		1,35				
Bundle01	HSJFS	P010	CVV	J032	1	H02238	BRASS	54,4	1,474	80,2	1,35	73,4	1000	919,8	927
Bundle01	HSJFS	P010	CVV	J032	2	H02238	SST	58,1	1,474	85,6	1,35	78,4	1000	914,4	922
Bundle01	HSJFS	P010	CVV	J032	2	H02238	BRASS	54,4	1,474	80,2	1,35	73,4	1000	919,8	927
Bundle01	HSJFS	P010	CVV	J032	1	H01030	BRASS		1,474		1,35				
Bundle01	HSJFS	P010	CVV	J032	2	H02238	SST	58,1	1,474	85,6	1,35	78,4	1000	914,4	922
Bundle01	HSJFS	P010	CVV	J032	2	H02238	BRASS	54,4	1,474	80,2	1,35	73,4	1000	919,8	927
Bundle01	HSJFS	P010	CVV	J032	1	H01030	BRASS		1,474		1,35				
Bundle01	HSJFS	P010	CVV	J032	1	H02238	BRASS	54,4	1,474	80,2	1,35	73,4	1000	919,8	927
Bundle01	HSJFS	P010	CVV	J032	1	H02238	BRASS	54,4	1,474	80,2	1,35	73,4	1000	919,8	927
Bundle01	HSJFS	P010	CVV	J032	1	H02238	BRASS	54,4	1,474	80,2	1,35	73,4	1000	919,8	927
Bundle02	HSJFS	P007	CVV	J031	1	H12-4032	SST	40,3	1,501	60,5	1,32	53,2	1000	939,5	947
Bundle02	HSJFS	P007	CVV	J031	0	H12-4032	SST	40,3	1,501	60,5	1,32	53,2	1000	939,5	947
Bundle02	HSJFS	P001	CVV	J031	2	H12-4032	SST	40,3	1,482	59,7	1,32	53,2	1000	940,3	947
Bundle02	HSJFS	P001	CVV	J031	0	H12-4032	SST	40,3	1,482	59,7	1,32	53,2	1000	940,3	947
Bundle02	HSJFS	P002	CVV	J031	2	H12-4032	SST	40,3	1,472	59,3	1,305	52,6	1000	940,7	947
Bundle02	HSJFS	P002	CVV	J031	1	H12-4032	SST	40,3	1,472	59,3	1,305	52,6	1000	940,7	947
Bundle02	HSJFS	P003	CVV	J031	2	H12-4032	SST	40,3	1,464	59,0	1,315	53,0	1000	941,0	947
Bundle02	HSJFS	P003	CVV	J031	1	H12-4032	SST	40,3	1,464	59,0	1,315	53,0	1000	941,0	947
Bundle02	HSJFS	P004	CVV	J031	2	H12-4032	SST	40,3	1,473	59,4	1,325	53,4	1000	940,6	947
Bundle02	HSJFS	P004	CVV	J031	1	H12-4032	SST	40,3	1,473	59,4	1,325	53,4	1000	940,6	947
Bundle03	HSJFP	P025	CVV	J026	6	H02238	BRASS	54,4	1,301	70,8	1,205	65,6	1000	929,2	934
Bundle03	HSJFP	P025	CVV	J026	1	H01030	BRASS		1,301		1,205				
Bundle03	HSJFP	P025	CVV	J026	3	H02138	SST	46,9	1,301	61,0	1,205	56,5	1000	939,0	943
Bundle03	HSJFP	P025	CVV	J026	3	H02238	BRASS	54,4	1,301	70,8	1,205	65,6	1000	929,2	934
Bundle03	HSJFP	P027	CVV	J026	4	H02238	BRASS	54,4	1,326	72,1	1,25	68,0	1000	927,9	932
Bundle03	HSJFP	P027	CVV	J026	2	H02238	BRASS	54,4	1,326	72,1	1,25	68,0	1000	927,9	932
Bundle03	HSJFP	P027	CVV	J026	1	H01030	BRASS		1,326		1,25				

Designation			Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	CVV int.Harness		CVV-I/F-CB to OBA Cold Units				
									Predicted wire capacity in (pF)		calculated wire capacity in (pF)		Capacity (pF) Required	Delta of predeclined wire capacity (pF)	Delta of calculated wire capacity (pF)
Harness Bundle	Unit	Connector	Unit	Connector	no. of cable	cable_types	condu.	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	Cmax_core / inner Shd (pF)	Cmax_core / inner Shd (pF)
Bundle03	HSJFP	P027	CVV	J026	2	H02138	SST	46,9	1,326	62,2	1,25	58,6	1000	937,8	941
Bundle03	HSJFP	P027	CVV	J026	1	H02138	SST	46,9	1,326	62,2	1,25	58,6	1000	937,8	941
Bundle03	HSJFP	P027	CVV	J026	2	H02238	BRASS	54,4	1,326	72,1	1,25	68,0	1000	927,9	932
Bundle03	HSJFP	P027	CVV	J026	2	H02238	BRASS	54,4	1,326	72,1	1,25	68,0	1000	927,9	932
Bundle03	HSJFP	P027	CVV	J026	1	H01030	BRASS		1,326		1,25				
Bundle03	HSJFP	P026	CVV	J026	6	H02238	BRASS	54,4	1,291	70,2	1,2	65,3	1000	929,8	935
Bundle03	HSJFP	P026	CVV	J026	1	H01030	BRASS	54,4	1,291	70,2	1,2	65,3	1000	929,8	935
Bundle03	HSJFP	P026	CVV	J026	3	H02138	SST	46,9	1,291	60,5	1,2	56,3	1000	939,5	944
Bundle03	HSJFP	P026	CVV	J026	3	H02138	BRASS	54,4	1,291	70,2	1,2	65,3	1000	929,8	935
Bundle03	HSJFP	P028	CVV	J026	4	H02238	BRASS	54,4	1,366	74,3	1,27	69,1	1000	925,7	931
Bundle03	HSJFP	P028	CVV	J026	2	H02238	BRASS	54,4	1,366	74,3	1,27	69,1	1000	925,7	931
Bundle03	HSJFP	P028	CVV	J026	1	H01030	BRASS		1,366		1,27				
Bundle03	HSJFP	P028	CVV	J026	2	H02138	SST	46,9	1,366	64,1	1,27	59,6	1000	935,9	940
Bundle03	HSJFP	P028	CVV	J026	1	H02138	SST	46,9	1,366	64,1	1,27	59,6	1000	935,9	940
Bundle03	HSJFP	P028	CVV	J026	2	H02238	BRASS	54,4	1,366	74,3	1,27	69,1	1000	925,7	931
Bundle03	HSJFP	P028	CVV	J026	2	H02238	BRASS	54,4	1,366	74,3	1,27	69,1	1000	925,7	931
Bundle03	HSJFP	P028	CVV	J026	1	H01030	BRASS		1,366		1,27				
Bundle04	HSJFP	P021	CVV	J022	2	H12-4032	SST	40,3	1,43	57,6	1,28	51,6	1000	942,4	948
Bundle04	HSJFP	P021	CVV	J023	1	H12-4032	SST	40,3	1,43	57,6	1,28	51,6	1000	942,4	948
Bundle04	HSJFP	P022	CVV	J024	2	H12-4032	SST	40,3	1,423	57,3	1,3	52,4	1000	942,7	948
Bundle04	HSJFP	P022	CVV	J025	1	H12-4032	SST	40,3	1,423	57,3	1,3	52,4	1000	942,7	948
Bundle04	HSJFP	P023	CVV	J026	2	H12-4032	SST	40,3	1,415	57,0	1,3	52,4	1000	943,0	948
Bundle04	HSJFP	P023	CVV	J027	1	H12-4032	SST	40,3	1,415	57,0	1,3	52,4	1000	943,0	948
Bundle04	HSJFP	P024	CVV	J028	2	H12-4032	SST	40,3	1,416	57,1	1,28	51,6	1000	942,9	948
Bundle04	HSJFP	P024	CVV	J029	1	H12-4032	SST	40,3	1,416	57,1	1,28	51,6	1000	942,9	948
Bundle05	HSJFP	P017	CVV	J023	2	H12-4032	SST	40,3	1,33	53,6	1,2	48,4	1000	946,4	952
Bundle05	HSJFP	P017	CVV	J023	1	H12-4032	SST	40,3	1,33	53,6	1,2	48,4	1000	946,4	952
Bundle05	HSJFP	P018	CVV	J023	2	H12-4032	SST	40,3	1,342	54,1	1,19	48,0	1000	945,9	952
Bundle05	HSJFP	P018	CVV	J023	1	H12-4032	SST	40,3	1,342	54,1	1,19	48,0	1000	945,9	952
Bundle05	HSJFP	P019	CVV	J023	2	H12-4032	SST	40,3	1,319	53,2	1,19	48,0	1000	946,8	952
Bundle05	HSJFP	P019	CVV	J023	1	H12-4032	SST	40,3	1,319	53,2	1,19	48,0	1000	946,8	952
Bundle05	HSJFP	P020	CVV	J023	2	H12-4032	SST	40,3	1,308	52,7	1,21	48,8	1000	947,3	951
Bundle05	HSJFP	P020	CVV	J023	1	H12-4032	SST	40,3	1,308	52,7	1,21	48,8	1000	947,3	951
Bundle06	HSJFP	P013	CVV	J024	2	H12-4032	SST	40,3	1,3	52,4	1,085	43,7	1000	947,6	956
Bundle06	HSJFP	P013	CVV	J024	1	H12-4032	SST	40,3	1,3	52,4	1,085	43,7	1000	947,6	956
Bundle06	HSJFP	P014	CVV	J024	2	H12-4032	SST	40,3	1,007	40,6	1,085	43,7	1000	959,4	956
Bundle06	HSJFP	P014	CVV	J024	1	H12-4032	SST	40,3	1,007	40,6	1,085	43,7	1000	959,4	956
Bundle06	HSJFP	P015	CVV	J024	2	H12-4032	SST	40,3	1,02	41,1	1,13	45,5	1000	958,9	954
Bundle06	HSJFP	P015	CVV	J024	1	H12-4032	SST	40,3	1,02	41,1	1,13	45,5	1000	958,9	954
Bundle06	HSJFP	P016	CVV	J024	2	H12-4032	SST	40,3	1,311	52,8	1,13	45,5	1000	947,2	954
Bundle06	HSJFP	P016	CVV	J024	1	H12-4032	SST	40,3	1,311	52,8	1,13	45,5	1000	947,2	954
Bundle07	HSJFP	P009	CVV	J025	2	H12-4032	SST	40,3	1,219	49,1	1,055	42,5	1000	950,9	957
Bundle07	HSJFP	P009	CVV	J025	1	H12-4032	SST	40,3	1,219	49,1	1,055	42,5	1000	950,9	957

Designation			Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	CVV int.Harness		CVV-I/F-CB to OBA Cold Units				
									Predicted wire capacity in (pF)		calculated wire capacity in (pF)		Capacity (pF) Required	Delta of predeclared wire capacity (pF)	Delta of calculated wire capacity (pF)
Harness Bundle	Unit	Connector	Unit	Connector	no_of_cable	cable_types	condu.	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	Cmax_core / inner Shd (pF)	Cmax_core / inner Shd (pF)
Bundle07	HSJFP	P010	CVV	J025	2	H12-4032	SST	40,3	1,215	49,0	1,045	42,1	1000	951,0	958
Bundle07	HSJFP	P010	CVV	J025	1	H12-4032	SST	40,3	1,215	49,0	1,045	42,1	1000	951,0	958
Bundle07	HSJFP	P011	CVV	J025	2	H12-4032	SST	40,3	1,216	49,0	1,045	42,1	1000	951,0	958
Bundle07	HSJFP	P011	CVV	J025	1	H12-4032	SST	40,3	1,216	49,0	1,045	42,1	1000	951,0	958
Bundle07	HSJFP	P012	CVV	J025	2	H12-4032	SST	40,3	1,22	49,2	1,035	41,7	1000	950,8	958
Bundle07	HSJFP	P012	CVV	J025	1	H12-4032	SST	40,3	1,22	49,2	1,035	41,7	1000	950,8	958
Bundle08	HSJFP	P005	CVV	J027	2	H12-4032	SST	40,3	1,369	55,2	1,24	50,0	1000	944,8	950
Bundle08	HSJFP	P005	CVV	J027	1	H12-4032	SST	40,3	1,369	55,2	1,24	50,0	1000	944,8	950
Bundle08	HSJFP	P006	CVV	J027	2	H12-4032	SST	40,3	1,355	54,6	1,26	50,8	1000	945,4	949
Bundle08	HSJFP	P006	CVV	J027	1	H12-4032	SST	40,3	1,355	54,6	1,26	50,8	1000	945,4	949
Bundle08	HSJFP	P007	CVV	J027	2	H12-4032	SST	40,3	1,351	54,4	1,26	50,8	1000	945,6	949
Bundle08	HSJFP	P007	CVV	J027	1	H12-4032	SST	40,3	1,351	54,4	1,26	50,8	1000	945,6	949
Bundle08	HSJFP	P008	CVV	J027	2	H12-4032	SST	40,3	1,357	54,7	1,235	49,8	1000	945,3	950
Bundle08	HSJFP	P008	CVV	J027	1	H12-4032	SST	40,3	1,357	54,7	1,235	49,8	1000	945,3	950
Bundle09	HSJFP	P001	CVV	J028	2	H12-4032	SST	40,3	1,47	59,2	1,34	54,0	1000	940,8	946
Bundle09	HSJFP	P001	CVV	J028	1	H12-4032	SST	40,3	1,47	59,2	1,34	54,0	1000	940,8	946
Bundle09	HSJFP	P002	CVV	J028	2	H12-4032	SST	40,3	1,482	59,7	1,31	52,8	1000	940,3	947
Bundle09	HSJFP	P002	CVV	J028	1	H12-4032	SST	40,3	1,482	59,7	1,31	52,8	1000	940,3	947
Bundle09	HSJFP	P003	CVV	J028	2	H12-4032	SST	40,3	1,444	58,2	1,29	52,0	1000	941,8	948
Bundle09	HSJFP	P003	CVV	J028	1	H12-4032	SST	40,3	1,444	58,2	1,29	52,0	1000	941,8	948
Bundle09	HSJFP	P004	CVV	J028	2	H12-4032	SST	40,3	1,456	58,7	1,285	51,8	1000	941,3	948
Bundle09	HSJFP	P004	CVV	J028	1	H12-4032	SST	40,3	1,456	58,7	1,285	51,8	1000	941,3	948
Bundle10	HSFPU	P019	CVV	J034	1	H04030	BRASS		1,811		1,25				
Bundle10	HSFPU	P019	CVV	J034	1	H04030	BRASS		1,811		1,25				
Bundle10	HSFPU	P019	CVV	J034	1	H04030	BRASS		1,811		1,25				
Bundle10	HSFPU	P019	CVV	J034	5	H04138	SST		1,811		1,25				
Bundle10	HSFPU	P021	CVV	J034	3	H04138	SST		1,799		1,24				
Bundle10	HSFPU	P021	CVV	J034	1	H04030	BRASS		1,799		1,24				
Bundle10	HSFPU	P021	CVV	J034	1	H04030	BRASS		1,799		1,24				
Bundle10	HSFPU	P023	CVV	J034	6	H04138	SST		1,824		1,28				
Bundle10	HSFPU	P023	CVV	J034	1	H04130	BRASS		1,824		1,28				
Bundle10	HSFPU	P023	CVV	J034	1	H02138	SST		1,824		1,28				
Bundle11	HSFPU	P025	CVV	J030	1	H03138	SST		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H02138	SST		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H03138	SST		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H02138	SST		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H04138	SST		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H04130	BRASS		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H02138	SST		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H02130	BRASS		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H04130	BRASS		1,819		1,7				
Bundle11	HSFPU	P025	CVV	J030	1	H04130	BRASS		1,819		1,7				
Bundle11	HSFPU	P027	CVV	J030	2	H04138	SST		1,803		1,67				

Designation			Destination		Cable			Characteristi c cable capacity (pF/m) GORE / CASA (Brass/SST)	CVV int.Harness		CVV-I/F-CB to OBA Cold Units				
									Predicted wire capacity in (pF)		calculated wire capacity in (pF)		Capacity (pF) Required	Delta of predeicted wire capacity (pF)	Delta of calculated wire capacity (pF)
Harness Bundle	Unit	Connector	Unit	Connector	no_of_cable	cable_types	condu.	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	Cmax_core / inner Shd (pF)	Cmax_core / inner Shd (pF)
Bundle11	HSFPU	P027	CVV	J030	1	H02130	BRASS		1,803		1,67				
Bundle11	HSFPU	P027	CVV	J030	2	H02130	BRASS		1,803		1,67				
Bundle11	HSFPU	P027	CVV	J030	2	H02130	BRASS		1,803		1,67				
Bundle11	HSFPU	P027	CVV	J030	2	H02130	BRASS		1,803		1,67				
Bundle11	HSFPU	P027	CVV	J030	2	H02130	BRASS		1,803		1,67				
Bundle11	HSFPU	P029	CVV	J030	1	H02130	BRASS		1,805		1,68				
Bundle11	HSFPU	P029	CVV	J030	1	H02130	BRASS		1,805		1,68				
Bundle11	HSFPU	P029	CVV	J030	1	H02138	BRASS		1,805		1,68				
Bundle11	HSFPU	P029	CVV	J030	1	H02138	BRASS		1,805		1,68				
Bundle11	HSFPU	P029	CVV	J030	1	H02138	BRASS		1,805		1,68				
Bundle11	HSFPU	P029	CVV	J030	3	H02138	SST		1,805		1,68				
Bundle11	HSFPU	P029	CVV	J030	3	H02138	SST		1,805		1,68				
Bundle12	HSFPU	P020	CVV	J033	1	H04030	BRASS		1,682		1,682				
Bundle12	HSFPU	P020	CVV	J033	1	H04030	BRASS		1,682		1,682				
Bundle12	HSFPU	P020	CVV	J033	1	H04030	BRASS		1,682		1,682				
Bundle12	HSFPU	P020	CVV	J033	5	H04138	SST		1,682		1,682				
Bundle12	HSFPU	P022	CVV	J033	3	H04138	SST		1,669		1,669				
Bundle12	HSFPU	P022	CVV	J033	1	H04030	BRASS		1,669		1,669				
Bundle12	HSFPU	P022	CVV	J033	1	H04030	BRASS		1,669		1,669				
Bundle12	HSFPU	P024	CVV	J033	6	H04138	SST		1,695		1,695				
Bundle12	HSFPU	P024	CVV	J033	1	H04130	BRASS		1,695		1,695				
Bundle12	HSFPU	P024	CVV	J033	1	H02138	SST		1,695		1,695				
Bundle13	HSFPU	P026	CVV	J029	1	H03138	SST		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H02138	SST		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H03138	SST		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H02138	SST		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H04138	SST		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H04130	BRASS		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H02138	SST		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H02130	BRASS		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H04130	BRASS		1,901		1,74				
Bundle13	HSFPU	P026	CVV	J029	1	H04130	BRASS		1,901		1,74				
Bundle13	HSFPU	P028	CVV	J029	2	H04138	SST		1,885		1,71				
Bundle13	HSFPU	P028	CVV	J029	1	H02130	BRASS		1,885		1,71				
Bundle13	HSFPU	P028	CVV	J029	2	H02130	BRASS		1,885		1,71				
Bundle13	HSFPU	P028	CVV	J029	2	H02130	BRASS		1,885		1,71				
Bundle13	HSFPU	P028	CVV	J029	2	H02130	BRASS		1,885		1,71				
Bundle13	HSFPU	P028	CVV	J029	2	H02130	BRASS		1,885		1,71				
Bundle13	HSFPU	P030	CVV	J029	1	H02130	BRASS		1,886		1,73				
Bundle13	HSFPU	P030	CVV	J029	1	H02130	BRASS		1,886		1,73				
Bundle13	HSFPU	P030	CVV	J029	1	H02138	BRASS		1,886		1,73				
Bundle13	HSFPU	P030	CVV	J029	1	H02138	BRASS		1,886		1,73				
Bundle13	HSFPU	P030	CVV	J029	1	H02138	BRASS		1,886		1,73				
Bundle13	HSFPU	P030	CVV	J029	3	H02138	SST		1,886		1,73				
Bundle13	HSFPU	P030	CVV	J029	3	H02138	SST		1,886		1,73				

Designation				Destination		Cable		CVV ext.Harness CVV-I/F-CB to SVM-CB					SVM Harness SVM-CB to WEU's					Capacity (pF) Required	CVV ext.Harness and SVM Harnesss total				
								Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)		calculated wire capacity in (pF)		Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)		calculated wire capacity in (pF)	Overall predicted wire capacity in (pF)		Delta of overall predicted wire capacity in (pF)	Overall calculated wire capacity in (pF)	Delta of overall calculated wire capacity in (pF)		
									C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE		Cmax_core / inner Shd (pF)	C_core / inner Shd (pF/m)							CATIA Harness lth (m)	Cmax_core / inner Shd (pF)
Harness Bundle	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	conductor	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	Cmax_core / inner Shd (pF)	delta C_core / inner Shd (pF)	Cmax_core / inner Shd (pF)	
Bundle01	12 ch. SLW Bolometer (1 -12)	CVV		DCU	P27	12	H02138	SST	46,9	2,755	129,2	2,425	113,7	133,5	1,318	176,0	0,98	130,8	1500	305,2	1194,8	244,6	1255,4
Bundle01	Ground Wire	CVV		DCU	P27	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	0,98	0,0		0,0	0,0	0,0	0,0
Bundle01	12 ch. SLW Bolometer (13 -24)	CVV		DCU	P28	12	H02138	SST	46,9	2,755	129,2	2,425	113,7	133,5	1,318	176,0	1,10	146,9	1500	305,2	1194,8	260,6	1239,4
Bundle01	Ground Wire	CVV		DCU	P28	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	1,10	0,0		0,0	0,0	0,0	0,0
Bundle01	PTC Bias	CVV		DCU	P31	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	PTC Ground wire	CVV		DCU	P31	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	0,99	0,0		0,0	0,0	0,0	0,0
Bundle01	PTC JFET Bias	CVV		DCU	P31	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	SLW Bolometer	CVV		DCU	P31	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	SLW JFET Bias	CVV		DCU	P31	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	SLW Ground wire	CVV		DCU	P31	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	0,99	0,0		0,0	0,0	0,0	0,0
Bundle01	SSW Bolometer Bias	CVV		DCU	P31	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	SSW JFET Bias	CVV		DCU	P31	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	SSW Ground wire	CVV		DCU	P31	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	0,99	0,0		0,0	0,0	0,0	0,0
Bundle01	PTC JFET Heater	CVV		DCU	P31	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	SLW JFET Heater	CVV		DCU	P31	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	SSW JFET Heater	CVV		DCU	P31	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,99	132,2	1500	309,8	1190,2	250,0	1250,0
Bundle01	PTC Bias	CVV		DCU	P32	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	PTC Ground wire	CVV		DCU	P32	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	0,98	0,0		0,0	0,0	0,0	0,0
Bundle01	PTC JFET Bias	CVV		DCU	P32	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	SLW Bolometer	CVV		DCU	P32	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	SLW JFET Bias	CVV		DCU	P32	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	SLW Ground wire	CVV		DCU	P32	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	0,98	0,0		0,0	0,0	0,0	0,0
Bundle01	SSW Bolometer Bias	CVV		DCU	P32	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	SSW JFET Bias	CVV		DCU	P32	2	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	SSW Ground wire	CVV		DCU	P32	1	H01030	BRASS		2,755	0,0	2,425	0,0		1,318	0,0	0,98	0,0		0,0	0,0	0,0	0,0
Bundle01	PTC JFET Heater	CVV		DCU	P32	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	SLW JFET Heater	CVV		DCU	P32	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle01	SSW JFET Heater	CVV		DCU	P32	1	H02138	BRASS	48,6	2,755	133,9	2,425	117,9	133,5	1,318	176,0	0,98	130,8	1500	309,8	1190,2	248,7	1251,3
Bundle02	Bolometer signals from JFS (SSW 1-12)	CVV		DCU	P23	12	H02138	SST	46,9	2,489	116,7	2,130	99,9	133,5	1,306	174,4	0,96	128,2	1500	291,1	1208,9	228,1	1271,9
Bundle02	SSW Ground wire	CVV		DCU	P23	1	H01030	BRASS		2,489	0,0	2,130	0,0		1,306	0,0	0,96	0,0		0,0	0,0	0,0	0,0
Bundle02	Bolometer signals from JFS (SSW 13-24)	CVV		DCU	P24	12	H02138	SST	46,9	2,489	116,7	2,130	99,9	133,5	1,306	174,4	1,06	141,5	1500	291,1	1208,9	241,4	1258,6
Bundle02	SSW Ground wire	CVV		DCU	P24	1	H01030	BRASS		2,489	0,0	2,130	0,0		1,306	0,0	1,06	0,0		0,0	0,0	0,0	0,0
Bundle02	Bolometer signals from JFS (SSW 25-36)	CVV		DCU	P25	12	H02138	SST	46,9	2,489	116,7	2,130	99,9	133,5	1,306	174,4	0,96	128,2	1500	291,1	1208,9	228,1	1271,9
Bundle02	SSW Ground wire	CVV		DCU	P25	1	H01030	BRASS		2,489	0,0	2,130	0,0		1,306	0,0	0,96	0,0		0,0	0,0	0,0	0,0
Bundle02	Bolometer signals from JFS (SSW 37-42)	CVV		DCU	P26	12	H02138	SST	46,9	2,489	116,7	2,130	99,9	133,5	1,306	174,4	1,06	141,5	1500	291,1	1208,9	241,4	1258,6
Bundle02	SSW Ground wire	CVV		DCU	P26	1	H01030	BRASS		2,489	0,0	2,130	0,0		1,306	0,0	1,06	0,0		0,0	0,0	0,0	0,0
		CVV																					
Bundle03	PSW JFET Bias	CVV		DCU	P29	6	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PSW Ground	CVV		DCU	P29	1	H01030	BRASS		2,436	0,0	2,095	0,0		1,548	0,0	1,38	0,0		0,0	0,0	0,0	0,0
Bundle03	PSW Bolometer Bias	CVV		DCU	P29	3	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PSW Heater	CVV		DCU	P29	3	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW JFET Bias	CVV		DCU	P29	4	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW Bolometer Bias	CVV		DCU	P29	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW Ground	CVV		DCU	P29	1	H01030	BRASS		2,436	0,0	2,095	0,0		1,548	0,0	1,38	0,0		0,0	0,0	0,0	0,0
Bundle03	PMW JFET Heater	CVV		DCU	P29	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PLW JFET Heater	CVV		DCU	P29	1	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0

Designation				Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)		calculated wire capacity in (pF)	Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)		calculated wire capacity in (pF)	Capacity (pF) Required	Overall predicted wire capacity in (pF)	Delta of overall predicted wire capacity in (pF)	Overall calculated wire capacity in (pF)	Delta of overall calculated wire capacity in (pF)		
Harness Bundle	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	conductor	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	delta C_core / inner Shd (pF)	Cmax_core / inner Shd (pF)		
Bundle03	PLM JFET Bias	CVV		DCU	P29	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PLW Bolometer Bias	CVV		DCU	P29	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW Ground	CVV		DCU	P29	1	H01030	BRASS		2,436	0,0	2,095	0,0		1,548	0,0	1,38	0,0		0,0	0,0	0,0	0,0
Bundle03	PSW JFET Bias	CVV		DCU	P30	6	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PSW Ground	CVV		DCU	P30	1	H01030	BRASS		2,436	0,0	2,095	0,0		1,548	0,0	1,38	0,0		0,0	0,0	0,0	0,0
Bundle03	PSW Bolometer Bias	CVV		DCU	P30	3	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PSW Heater	CVV		DCU	P30	3	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW JFET Bias	CVV		DCU	P30	4	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW Bolometer Bias	CVV		DCU	P30	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW Ground	CVV		DCU	P30	1	H01030	BRASS		2,436	0,0	2,095	0,0		1,548	0,0	1,38	0,0		0,0	0,0	0,0	0,0
Bundle03	PMW JFET Heater	CVV		DCU	P30	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PLM JFET Heater	CVV		DCU	P30	1	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PLM JFET Bias	CVV		DCU	P30	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PLW Bolometer Bias	CVV		DCU	P30	2	H02138	BRASS	48,6	2,436	118,4	2,095	101,8	133,5	1,548	206,7	1,38	184,2	1500	325,0	1175,0	286,0	1214,0
Bundle03	PMW Ground	CVV		DCU	P30	1	H01030	BRASS		2,436	0,0	2,095	0,0		1,548	0,0	1,38	0,0					
		CVV																					
Bundle04	16 ch. PMW (1-16)	CVV		DCU	P20	16	H02138	SST	46,9	3,524	165,3	3,200	150,1	133,5	1,649	220,1	1,40	186,9	1500	385,4	1114,6	337,0	1163,0
Bundle04	Ground Wire	CVV		DCU	P20	2	H01030	BRASS		3,524	0,0	3,200	0,0		1,649	0,0	1,40	0,0		0,0	0,0	0,0	0,0
Bundle04	16 ch. PMW (17-32)	CVV		DCU	P21	16	H02138	SST	46,9	3,524	165,3	3,200	150,1	133,5	1,649	220,1	1,28	170,9	1500	385,4	1114,6	321,0	1179,0
Bundle04	Ground Wire	CVV		DCU	P21	2	H01030	BRASS		3,524	0,0	3,200	0,0		1,649	0,0	1,28	0,0		0,0	0,0	0,0	0,0
Bundle04	16 ch. PMW (33-48)	CVV		DCU	P22	16	H02138	SST	46,9	3,524	165,3	3,200	150,1	133,5	1,649	220,1	1,39	185,6	1500	385,4	1114,6	335,6	1164,4
Bundle04	Ground Wire	CVV		DCU	P22	2	H01030	BRASS		3,524	0,0	3,200	0,0		1,649	0,0	1,39	0,0		0,0	0,0	0,0	0,0
		CVV																					
Bundle05	16 ch. PMW (49-64)	CVV		DCU	P17	16	H02138	SST	46,9	3,613	169,4	3,300	154,8	133,5	1,728	230,7	1,39	185,6	1500	400,1	1099,9	340,3	1159,7
Bundle05	Ground Wire	CVV		DCU	P17	2	H01030	BRASS		3,613	0,0	3,300	0,0		1,728	0,0	1,39	0,0		0,0	0,0	0,0	0,0
Bundle05	16 ch. PMW (65-80)	CVV		DCU	P18	16	H02138	SST	46,9	3,613	169,4	3,300	154,8	133,5	1,728	230,7	1,49	198,9	1500	400,1	1099,9	353,7	1146,3
Bundle05	Ground Wire	CVV		DCU	P18	2	H01030	BRASS		3,613	0,0	3,300	0,0		1,728	0,0	1,49	0,0		0,0	0,0	0,0	0,0
Bundle05	16 ch. PMW (81-96)	CVV		DCU	P19	16	H02138	SST	46,9	3,613	169,4	3,300	154,8	133,5	1,728	230,7	1,39	185,6	1500	400,1	1099,9	340,3	1159,7
Bundle05	Ground Wire	CVV		DCU	P19	2	H01030	BRASS		3,613	0,0	3,300	0,0		1,728	0,0	1,39	0,0		0,0	0,0	0,0	0,0
		CVV																					
Bundle06	16 ch. PLW (1-16)	CVV		DCU	P14	16	H02138	SST	46,9	3,116	146,1	2,755	129,2	133,5	1,266	169,0	0,99	132,2	1500	315,2	1184,8	261,4	1238,6
Bundle06	Ground Wire	CVV		DCU	P14	2	H01030	BRASS		3,116	0,0	2,755	0,0		1,266	0,0	0,99	0,0		0,0	0,0	0,0	0,0
Bundle06	16 ch. PLW (17-32)	CVV		DCU	P15	16	H02138	SST	46,9	3,116	146,1	2,755	129,2	133,5	1,266	169,0	0,98	130,8	1500	315,2	1184,8	260,0	1240,0
Bundle06	Ground Wire	CVV		DCU	P15	2	H01030	BRASS		3,116	0,0	2,755	0,0		1,266	0,0	0,98	0,0		0,0	0,0	0,0	0,0
Bundle06	16 ch. PLW (33-48)	CVV		DCU	P16	16	H02138	SST	46,9	3,116	146,1	2,755	129,2	133,5	1,266	169,0	0,99	132,2	1500	315,2	1184,8	261,4	1238,6
Bundle06	Ground Wire	CVV		DCU	P16	2	H01030	BRASS		3,116	0,0	2,755	0,0		1,266	0,0	0,99	0,0		0,0	0,0	0,0	0,0
		CVV																					
Bundle07	16 ch. PSW (1-16)	CVV		DCU	P11	16	H02138	SST	46,9	2,693	126,3	2,365	110,9	133,5	1,242	165,8	0,89	118,8	1500	292,1	1207,9	229,7	1270,3
Bundle07	Ground Wire	CVV		DCU	P11	2	H01030	BRASS		2,693	0,0	2,365	0,0		1,242	0,0	0,89	0,0		0,0	0,0	0,0	0,0
Bundle07	16 ch. PSW (17-32)	CVV		DCU	P12	16	H02138	SST	46,9	2,693	126,3	2,365	110,9	133,5	1,242	165,8	0,99	132,2	1500	292,1	1207,9	243,1	1256,9
Bundle07	Ground Wire	CVV		DCU	P12	2	H01030	BRASS		2,693	0,0	2,365	0,0		1,242	0,0	0,99	0,0		0,0	0,0	0,0	0,0
Bundle07	16 ch. PSW (33-48)	CVV		DCU	P13	16	H02138	SST	46,9	2,693	126,3	2,365	110,9	133,5	1,242	165,8	0,90	120,2	1500	292,1	1207,9	231,1	1268,9
Bundle07	Ground Wire	CVV		DCU	P13	2	H01030	BRASS		2,693	0,0	2,365	0,0		1,242	0,0	0,90	0,0		0,0	0,0	0,0	0,0
		CVV																					
Bundle08	16 ch. PSW (49-64)	CVV		DCU	P08	16	H02138	SST	46,9	2,227	104,4	1,908	89,5	133,5	1,372	183,2	1,12	149,5	1500	287,6	1212,4	239,0	1261,0
Bundle08	Ground Wire	CVV		DCU	P08	2	H01030	BRASS		2,227	0,0	1,908	0,0		1,372	0,0	1,12	0,0		0,0	0,0	0,0	0,0
Bundle08	16 ch. PSW (65-80)	CVV		DCU	P09	16	H02138	SST	46,9	2,227	104,4	1,908	89,5	133,5	1,372	183,2	1,02	136,2	1500	287,6	1212,4	225,7	1274,3
Bundle08	Ground Wire	CVV		DCU	P09	2	H01030	BRASS		2,227	0,0	1,908	0,0		1,372	0,0	1,02	0,0		0,0	0,0	0,0	0,0
Bundle08	16 ch. PSW (81-96)	CVV		DCU	P10	16	H02138	SST	46,9	2,227	104,4	1,908	89,5	133,5	1,372	183,2	1,15	153,5	1500	287,6	1212,4	243,0	1257,0
Bundle08	Ground Wire	CVV		DCU	P10	2	H01030	BRASS		2,227	0,0	1,908	0,0		1,372	0,0	1,15	0,0		0,0	0,0	0,0	0,0
		CVV																					

Designation				Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)		calculated wire capacity in (pF)		Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)		calculated wire capacity in (pF)		Capacity (pF) Required	Overall predicted wire capacity in (pF)	Delta of overall predicted wire capacity in (pF)	Overall calculated wire capacity in (pF)	Delta of overall calculated wire capacity in (pF)
Harness Bundle	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	conductor	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	Cmax_core / inner Shd (pF)	delta C_core / inner Shd (pF)	Cmax_core / inner Shd (pF)	
Bundle09	16 ch. PMW (97-112)	CVV		DCU	P05	16	H02138	SST	46,9	2,132	100,0	1,785	83,7	133,5	1,345	179,6	1,02	136,2	1500	279,5	1220,5	219,9	1280,1
Bundle09	Ground Wire	CVV		DCU	P05	2	H01030	BRASS		2,132	0,0	1,785	0,0		1,345	0,0	1,02	0,0		0,0	0,0	0,0	0,0
Bundle09	16 ch. PMW (113-128)	CVV		DCU	P06	16	H02138	SST	46,9	2,132	100,0	1,785	83,7	133,5	1,345	179,6	1,14	152,2	1500	279,5	1220,5	235,9	1264,1
Bundle09	Ground Wire	CVV		DCU	P06	2	H01030	BRASS		2,132	0,0	1,785	0,0		1,345	0,0	1,14	0,0		0,0	0,0	0,0	0,0
Bundle09	16 ch. PMW (129-144)	CVV		DCU	P07	16	H02138	SST	46,9	2,132	100,0	1,785	83,7	133,5	1,345	179,6	1,02	136,2	1500	279,5	1220,5	219,9	1280,1
Bundle09	Ground Wire	CVV		DCU	P07	2	H01030	BRASS		2,132	0,0	1,785	0,0		1,345	0,0	1,02	0,0		0,0	0,0	0,0	0,0
		CVV																					
Bundle10	Sorption Pump Heater	CVV		FCU	P11	1	H04030	BRASS		2,324					2,035		1,58						
Bundle10	Evaporator HS Heater	CVV		FCU	P11	1	H04030	BRASS		2,324					2,035		1,58						
Bundle10	Evaporator pUMP HS Heater	CVV		FCU	P11	1	H04030	BRASS		2,324					2,035		1,58						
Bundle10	300mK Thermal Control Heater	CVV		FCU	P11	1	H04138	BRASS		2,324					2,035		1,58						
Bundle10	Spectrometer Stimulus Heater 4%	CVV		FCU	P11	1	H04030	BRASS		2,324					2,035		1,58						
Bundle10	Spectrometer Stimulus Heater 2%	CVV		FCU	P11	1	H04030	BRASS		2,324					2,035		1,58						
Bundle10	FPU Thermometry A	CVV		FCU	P11	11	H04138	SST		2,324					2,035		1,58						
Bundle10	FPU Thermometry B	CVV		FCU	P23	3	H04138	SST		2,324					2,035		1,58						
		CVV																					
Bundle11	FPU Thermometry C	CVV		FCU	P21	3	H04138	SST		2,143					1,850		1,84						
Bundle11	BSM Chop/Jiggle Sensors	CVV		FCU	P19	2	H02138	SST		2,143					1,850		1,66						
Bundle11	BSM Chop/Jiggle Sensors	CVV		FCU	P19	2	H03138	BRASS		2,143					1,850		1,66						
Bundle11	BSM Launch latch sense	CVV		FCU	P19	1	H02138	SST		2,143					1,850		1,66						
Bundle11	BSM Launch latch solenoid	CVV		FCU	P19	1	H02130	BRASS		2,143					1,850		1,66						
Bundle11	BSM Chop motor drive	CVV		FCU	P19	1	H04130	BRASS		2,143					1,850		1,66						
Bundle11	BSM Jiggle motor drive	CVV		FCU	P19	1	H04130	BRASS		2,143					1,850		1,66						
Bundle11	SMEC LVDT Primary	CVV		FCU	P29	1	H02130	BRASS		2,143					1,850		1,88						
Bundle11	SMEC LVDT Secondary	CVV		FCU	P29	2	H02130	BRASS		2,143					1,850		1,88						
Bundle11	SMEC Launch Latch1	CVV		FCU	P29	2	H02130	BRASS		2,143					1,850		1,88						
Bundle11	SMEC Launch Latch1 Confirm	CVV		FCU	P29	1	H02130	BRASS		2,143					1,850		1,88						
Bundle11	SMEC Launch Latch2	CVV		FCU	P29	2	H02130	BRASS		2,143					1,850		1,88						
Bundle11	SMEC Launch Latch2 Confirm	CVV		FCU	P29	1	H02130	BRASS		2,143					1,850		1,88						
Bundle11	SMEC Drive Coil	CVV		FCU	P17	1	H02130	BRASS		2,143					1,850		1,67						
Bundle11	SMEC Drive Coil (Rob.)	CVV		FCU	P17	1	H02130	BRASS		2,143					1,850		1,67						
Bundle11	SMEC Drive coil voltage sensor	CVV		FCU	P17	1	H02138	BRASS		2,143					1,850		1,67						
Bundle11	SMEC Position sensor supplies	CVV		FCU	P17	2	H02138	BRASS		2,143					1,850		1,67						
Bundle11	SMEC Position sensor photodiodes	CVV		FCU	P17	3	H02138	SST		2,143					1,850		1,67						
Bundle11	SMEC Position sensor photodiodes FB	CVV		FCU	P17	3	H02138	SST		2,143					1,850		1,67						
Bundle11	P-Cal Heater	CVV		FCU	P13	1	H04130	BRASS		2,143					1,850		1,81						
		CVV																					
Bundle12	Sorption Pump Heater	CVV		FCU	P12	1	H04030	BRASS		2,196					1,905		1,48						
Bundle12	Heat switch heaters	CVV		FCU	P12	2	H04030	BRASS		2,196					1,905		1,48						
Bundle12	300mK Thermal Control Heater	CVV		FCU	P12	1	H04138	BRASS		2,196					1,905		1,48						
Bundle12	Spectrometer Stimulus Heater 4%	CVV		FCU	P12	1	H04030	BRASS		2,196					1,905		1,48						
Bundle12	Spectrometer Stimulus Heater 2%	CVV		FCU	P12	1	H04030	BRASS		2,196					1,905		1,48						
Bundle12	FPU Thermometry A	CVV		FCU	P12	11	H04138	SST		2,196					1,905		1,48						
Bundle12	FPU Faraday Shield Link	CVV		FCU	P24	1	H01030	BRASS		2,196					1,905		1,49						
Bundle12	FPU Thermometry B	CVV		FCU	P24	3	H04138	SST		2,196					1,905		1,49						
Bundle13	FPU Thermometry C	CVV		FCU	P22	3	H04138	SST		2,048					1,740		1,91						
Bundle13	BSM Chop/Jiggle Sensors	CVV		FCU	P20	2	H02138	SST		2,048					1,740		1,80						
Bundle13	BSM Chop/Jiggle Sensors	CVV		FCU	P20	2	H03138	BRASS		2,048					1,740		1,80						
Bundle13	BSM Launch latch sense	CVV		FCU	P20	1	H02138	SST		2,048					1,740		1,80						
Bundle13	BSM Launch latch solenoid	CVV		FCU	P20	1	H02130	BRASS		2,048					1,740		1,80						

Designation				Destination		Cable			Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)	calculated wire capacity in (pF)	Characteristic cable capacity (pF/m) GORE / CASA (Brass/SST)	Predicted wire capacity in (pF)	calculated wire capacity in (pF)	Capacity (pF) Required	Overall predicted wire capacity in (pF)	Delta of overall predicted wire capacity in (pF)	Overall calculated wire capacity in (pF)	Delta of overall calculated wire capacity in (pF)		
Harness Bundle	Description	Unit	Connector	Unit	Connector	no_of_cables	cable_type	conductor	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_core / inner Shd (pF/m)	CATIA Harness lth (m)	Cmax_core / inner Shd (pF)	as built lth (m) measured by CASA / ASSE	Cmax_core / inner Shd (pF)	C_max core / inner Shd (pF)	delta C_core / inner Shd (pF)	Cmax_core / inner Shd (pF)
Bundle13	BSM Chop motor drive	CVV		FCU	P20	1	H04130	BRASS		2,048					1,740		1,80				
Bundle13	BSM Jiggle motor drive	CVV		FCU	P20	1	H04130	BRASS		2,048					1,740		1,80				
Bundle13	SMEC LVDT Primary	CVV		FCU	P30	1	H02130	BRASS		2,048					1,740		1,81				
Bundle13	SMEC LVDT Secondary	CVV		FCU	P30	2	H02130	BRASS		2,048					1,740		1,81				
Bundle13	SMEC Launch Latch1	CVV		FCU	P30	2	H02130	BRASS		2,048					1,740		1,81				
Bundle13	SMEC Launch Latch1 Confirm	CVV		FCU	P30	1	H02130	BRASS		2,048					1,740		1,81				
Bundle13	SMEC Launch Latch2	CVV		FCU	P30	2	H02130	BRASS		2,048					1,740		1,81				
Bundle13	SMEC Launch Latch2 Confirm	CVV		FCU	P30	1	H02130	BRASS		2,048					1,740		1,81				
Bundle13	SMEC Drive Coil	CVV		FCU	P18	1	H02130	BRASS		2,048					1,740		1,69				
Bundle13	SMEC Drive Coil (Rob.)	CVV		FCU	P18	1	H02130	BRASS		2,048					1,740		1,69				
Bundle13	SMEC Drive coil voltage sensor	CVV		FCU	P18	1	H02138	BRASS		2,048					1,740		1,69				
Bundle13	SMEC Position sensor supplies	CVV		FCU	P18	2	H02138	BRASS		2,048					1,740		1,69				
Bundle13	SMEC Position sensor photodiodes	CVV		FCU	P18	3	H02138	SST		2,048					1,740		1,69				
Bundle13	SMEC Position sensor photodiodes FB	CVV		FCU	P18	3	H02138	SST		2,048					1,740		1,69				
Bundle13	P-Cal Heater	CVV		FCU	P14	1	H04130	BRASS		2,048					1,740		1,95				

8 ANNEX 5 : HERSCHEL CRYO HARNESS WIRE AND CABLES

Cable Configuration							Conductor								Shields & Insulation										Finished Cable												
Variant No.	GSC No.	unshielded	served wire shield	braided shield	shield core AWG	No. Of shields	No. Of core(s)	AWG	max. diameter (mm)	nom. Sect. [mm²]	material	max. ohmic resist. (ohm/m)	min. Elongation (%)	Tensile strength Mpa min./max.	max. final isolated conductor dia.(mm)	conductor insulation HST/PTFE nom. Sect. [mm²]	isolation colour	Filler PTFE nom. Sect. [mm²]	1. GORE-TEX Binder nom. Sect. [mm²]	2. GORE-TEX Binder nom. Sect. [mm²]	3. GORE-TEX Binder nom. Sect. [mm²]	nom.sect. SST served wire shield coverage (%)		braided shield			Tensile strength (shield core) Mpa min./max.	max. ohmic resist. of shield core (ohm/m)	Jacket (Polyimide) nom. Sect. [mm²]	max. diameter [mm]	min. Bendingradius (mm)	twisted wire length of lay (mm)		max. ohmic resist of cable core (ohm/m)	capacitance max. (pf/m)		max. weight [g/m]
																						coverage (%)	nom.sect. SST [mm²]	coverage (%)	braid angle (°)	min						max	cond. to cond.		cond. to Sh.		
H01030B0	GSC-05-82207-00	x				1	30	0,26	0,051	Brass	2	5	294/ 470	0.60	0,128	yel													0,6	6			2,2			0,81	
H01038B0	GSC-05-82208-00	x				1	38	0,11	0,008	Brass	10	5	294/ 470	0.40	0,076	red													0,4	4			11			0,3	
H01038S0	GSC-05-82209-00	x				1	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht													0,36	4			130			0,25	
H01138SS cable not produced	GSC-05-82210-00		x		44(01)	1	1	38	0,11	0,008	SST	130	2	1900/ 2100	0,33	0,043	wht		0,147				0,020	70			800 / 1000	tbd	0,119	0,7	tbd			130		120	0,73
H01138BS cable not produced	GSC-05-82211-00		x		44(01)	1	1	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,147				0,020	70			800 / 1000	tbd	0,119	0,7	tbd			11		120	0,73
H02038B0	GSC-05-82212-00	x				2	38	0,11	0,008	Brass	10	5	294/ 470	0.40	0,076	red													0,85	9	8,0	11,0	11	50		0,65	
H02130BS	GSC-05-82215-00		x		44(01)	1	2	30	0,26	0,051	Brass	2	5	294/ 470	0.60	0,128	yel		0,34	0,438		0,106	70			800 / 1000	8,2	0,306	1,7	17	11,5	15,0	2,2	70	110	4	
H02138BS	GSC-05-82216-00		x		44(01)	1	2	38	0,11	0,008	Brass	10	5	294/ 470	0.40	0,076	red		0,243	0,34		0,080	70			800 / 1000	11	0,246	1,45	15	8,0	10,0	11	50	70	2,25	
H02138SS	GSC-05-82217-00		x		44(01)	1	2	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht		0,191	0,287		0,072	70			800 / 1000	11,5	0,207	1,35	14	7,0	9,0	140	50	70	1,9	
H03138BS	GSC-05-82218-00		x		44(01)	1	3	38	0,11	0,008	Brass	10	5	294/ 470	0.40	0,076	red		0,26	0,357		0,084	70			800 / 1000	10	0,256	1,48	15	8,5	11,0	11	50	70	2,7	
H03138SS	GSC-05-82219-00		x		44(01)	1	3	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht		0,208	0,305		0,076	70			800 / 1000	11,5	0,214	1,4	14	7,5	9,5	140	50	70	2,25	
H04030B0	GSC-05-82220-00	x				4	30	0,26	0,051	Brass	2	5	294/ 470	0.60	0,128	yel													1,3	13	14,0	18,5	2,2	70		3,3	
H04038B0 cable not produced	GSC-05-82221-00	x				4	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red													0,7	tbd		9,0	12	55		0,72	
H04038S0	GSC-05-82222-00	x				4	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht													0,8	8	8,5	10,5	140	50		0,85	
H04138BS	GSC-05-82223-00		x		44(01)	1	4	38	0,11	0,008	Brass	10	5	294/ 470	0.40	0,076	red		0,284	0,381		0,090	70			800 / 1000	9,5	0,271	1,6	16	9,5	12,5	11	50	70	3	
H04138SS	GSC-05-82224-00		x		44(01)	1	4	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht		0,228	0,325		0,082	70			800 / 1000	10,5	0,237	1,45	15	8,5	10,5	140	50	70	2,5	
H06130BS	GSC-05-82225-00		x		44(01)	1	6	30	0,26	0,051	Brass	2	5	294/ 470	0.60	0,128	yel	0,196	0,495	0,592		0,148	70			800 / 1000	6	0,403	2,3	23	17,5	23,0	2,2	70	110	8,1	
H06138SS	GSC-05-82226-00		x		44(01)	1	6	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht	0,051	0,276	0,373		0,096	70			800 / 1000	8,9	0,266	1,9	19	10,0	13,0	140	50	70	3,7	
H06138BS	GSC-05-82227-00		x		44(01)	1	6	38	0,11	0,008	Brass	10	5	294/ 470	0.40	0,076	red	0,051	0,348	0,446		0,108	70			800 / 1000		0,311	2	20	12,0	15,5	11	50	70	4,0	
H07138SS cable not produced	GSC-05-82228-00		x		44(01)	1	7	38	0,11	0,008	SST	130	2	1900/ 2100	0,33	0,043	wht		0,277	0,375		0,089	70			800 / 1000		0,255	1,4			11,0	140	60	100	3,4	
H07138BS cable not produced	GSC-05-82229-00		x		44(01)	1	7	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,277	0,375		0,089	70			800 / 1000		0,255	1,4			11,0	11	60	100	3,4	
H08130BS cable not produced	GSC-05-82230-00		x		44(01)	1	8	30	0,26	0,051	Brass	2	5	294/ 470	0,53	0,128	yel		0,462	0,559		0,140	70			800 / 1000		0,383	2			19,0	2,2	80	130	8,3	
H08138SS	GSC-05-82231-00		x		44(01)	1	8	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht		0,3	0,397		0,102	70			800 / 1000	8,4	0,282	2	20	11,0	14,5	140	50	70	4,2	
H08138BS cable not produced	GSC-05-82232-00		x		44(01)	1	8	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,3	0,397		0,095	70			800 / 1000		0,282	1,47			12,0	12	60	100	3,6	
H11138SS	GSC-05-82233-00		x		44(01)	1	11	38	0,11	0,008	SST	130	2	1900/ 2100	0.36	0,043	wht	0,102	0,429	0,527		0,130	70			800 / 1000	6,9	0,363	2,2	22	15,0	20,0	140	50	70	5,3	
H12138BS cable not produced	GSC-05-82234-00		x		44(01)	1	12	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,369	0,466		0,116	70			800 / 1000		0,325	1,7			15,0	12	60	100	4,8	
H12138SS cable not produced	GSC-05-82235-00		x		44(01)	1	12	38	0,11	0,008	SST	130	2	1900/ 2100	0,33	0,043	wht		0,369	0,466		0,116	70			800 / 1000		0,325	1,7			15,0	140	60	100	4,8	

Cable Configuration							Conductor										Shields & Insulation										Finished Cable											
Variant No.	GSC No.	unshielded	served wire shield	braided shield	shield core AWG	No. Of shields	No. Of core(s)	AWG	max. diameter (mm)	nom. Sect. [mm²]	material	max. ohmic resist. (ohm/m)	min. Elongation (%)	Tensile strength Mpa min./max.	max. final isolated conductor dia.(mm)	conductor insulation HSTF/PTFE nom. Sect. [mm²]	isolation colour	Filler PTFE nom. Sect. [mm²]	1. GORE-TEX Binder nom. Sect. [mm²]	2. GORE-TEX Binder nom. Sect. [mm²]	3. GORE-TEX Binder nom. Sect. [mm²]	served wire shield		braided shield				Tensile strength (shield core) Mpa min./max.	max. ohmic resist. of shield core (ohm/m)	Jacket (Polyimide) nom. Sect. [mm²]	max. diameter [mm]	min. Bendingradius (mm)	twisted wire length of lay (mm)		max. ohmic resist.of cable core (ohm/m)	capacitance max. (pf/m)		max. weight [g/m]
																						nom.sect. SST [mm²]	coverage (%)	nom.sect. SST [mm²]	coverage (%)	braid angle (°)	min						max	cond. to cond. Sh.				
H16138SS cable not produced	GSC-05-82236-00	x			44(01)	1	16	38	0,11	0,008	SST	130	2	1900/ 2100	0,33	0,043	wht		0,414	0,511		0,128	70				800 / 1000		0,352	1,9			17,0	140	60	100	5,7	
H16138BS cable not produced	GSC-05-82237-00	x			44(01)	1	16	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,414	0,511		0,128	70				800 / 1000		0,352	1,9			17,0	12	60	100	5,7	
H19138SS	GSC-05-82238-00		x		44(01)	1	19	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,439	0,537		0,144	70				800 / 1000	6,2	0,352	2,4	24	17,0	22,0	140	50	70	7	
H19138BS cable not produced	GSC-05-82239-00	x			44(01)	1	19	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,439	0,537		0,134	70				800 / 1000		0,352	1,9			18,0	12	60	100	6,3	
H24138SS	GSC-05-82240-00	x			44(01)	1	24	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht	0,204	0,583	0,681		0,172	70				800 / 1000	5,4	0,459	3	30	21,0	27,0	140	50	70	9,4	
H24138BS cable not produced	GSC-05-82241-00	x			44(01)	1	24	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,519	0,616		0,154	70				800 / 1000		0,418	2,2			21,0	12	60	100	7,8	
H26138SS cable not produced	GSC-05-82242-00	x			44(01)	1	26	38	0,11	0,008	SST	130	2	1900/ 2100	0,33	0,043	wht		0,521	0,619		0,156	70				800 / 1000		0,401	2,2			22,0	140	60	100	8,25	
H26138BS cable not produced	GSC-05-82243-00	x			44(01)	1	26	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,521	0,619		0,156	70				800 / 1000		0,401	2,2			22,0	12	60	100	8,25	
H12-4031SS	GSC-05-82250-00	x			44(01)	1	12	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,532	0,629		0,157	70				800 / 1000	6	0,425	2,6	25	9 26	11 35	140	50	70	6,8	
H12-4031BS cable not produced	GSC-05-82251-00	x			44(01)	1	12	38	0,11	0,008	Brass	10	5	294/ 470	0,36	0,076	red		0,627	0,629		0,157	70				800 / 1000		0,425	2,2			8,0	22,0	12	60	100	6
H012338BS	GSC-05-82355-00	x	x		44(01)	2	1	38	0,11	0,008	Brass	10	5	294/ 470	0,60	0,195	wht		0,973	0,486		0,119	70	0,104	90	0,4	800 / 1000	8 7,2	0,852	2,3	23				10	75	180	7,5
H01238SS	GSC-05-82266-00	x	x		44(01)	2	1	38	0,11	0,008	SST	130	2	1900/ 2100	0,60	0,195	wht		0,973	0,486		0,119	70	0,104	90	0,4	800 / 1000	8 7,2	0,852	2,3	23				130	75	180	7,5
H03-02130BS	GSC-05-82271-00	x			44(01)	1	6	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel		0,632	0,729		0,186	70				800 / 1000	5	0,489	2,8	28	11,5 22,5	15,5 30	2,2	70	110	8,5	
H02-02130BS	GSC-05-82272-00		x		44(01)	1	4	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel		0,584	0,681		0,172	70				800 / 1000	5,2	0,459	2,6	26	11,5 21	15,5 27	2,2	70	110	6,8	
H06-02130BS	GSC-05-82274-00	x			44(01)	1	12	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel	0,785	0,957	1,054		0,274	70				800 / 1000	3,8	0,692	3,8	38	11,5 35	15,5 46	2,2	70	110	17	
H08-02138SS	GSC-05-82275-00	x			44(01)	1	16	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,098	0,568	0,665	0,17	70				800 / 1000	5,5	0,448	2,5	25	7 20	9 26	140	50	70	7,5	
H02-02138SS	GSC-05-82276-00		x		44(01)	1	4	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,098	0,356	0,454	0,109	70				800 / 1000	8	0,317	2	20	7 12	9 16	140	50	70	3,4	
H02038S0	GSC-05-82347-00	x					2	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht														0,75	8	7,0	9,0	140	50		0,5
H02030B0	GSC-05-82348-00	x					2	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel														1,2	12	11,5	15,5	2,2	70		1,6
H03130BS	GSC-05-82349-00	x			44(01)	1	3	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel		0,365	0,462		0,112	70				800 / 1000	7,7	0,322	1,85	19	12,5	16,5	2,2	70	110	4,8	
H04130BS	GSC-05-82350-00	x			44(01)	1	4	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel		0,406	0,502		0,124	70				800 / 1000	7	0,347	1,95	20	14,0	18,5	2,2	70	110	6	
H05138BS	GSC-05-82351-00	x			44(01)	1	5	38	0,11	0,008	Brass	10	5	294/ 470	0,40	0,076	red		0,316	0,414		0,100	70				800 / 1000	8,6	0,291	1,65	17	11,0	14,0	12	50	70	3,7	
H05138SS	GSC-05-82352-00	x			44(01)	1	5	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,276	0,373		0,088	70				800 / 1000	10	0,266	1,6	16	9,5	12,0	140	50	70	3,5	
H05130BS	GSC-05-82353-00	x			44(01)	1	5	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel	0,051	0,446	0,543		0,134	70				800 / 1000	6,5	0,373	2,2	22	15,5	20,5	2,2	70	110	7	
H11138BS	GSC-05-82354-00	x			44(01)	1	11	38	0,11	0,008	Brass	10	5	294/470	0,40	0,076	red	0,102	0,47	0,568		0,140	70				800 / 1000	6,8	0,387	2,4	24	17,0	22,0	12	50	70	6	
H04-02138SS	GSC-05-82356-00	x			44(01)	1	8	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,098	0,422	0,519	0,128	70				800 / 1000	7	0,357	2,3	23	7 15	9 19	140	50	70	4,8	
H06-02138SS	GSC-05-82357-00	x			44(01)	1	12	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht	0,051	0,098	0,568	0,665	0,168	70				800 / 1000	5,5	0,448	2,5	25	7 20	9 26	140	50	70	6,5	
H04-02130BS	GSC-05-82358-00	x			44(01)	1	8	30	0,26	0,051	Brass	2	5	294/ 470	0,60	0,128	yel		0,697	0,795		0,204	70				800 / 1000	4,6	0,529	3	30	11,5 25	15,5 33	2,2	70	110	10,5	

Cable Configuration							Conductor										Shields & Insulation										Finished Cable											
Variant No.	GSC No.	unshielded	served wire shield	braided shield	shield core AWG	No. Of shields	No. Of core(s)	AWG	max. diameter (mm)	nom. Sect. [mm²]	material	max. ohmic resist. (ohm/m)	min. Elongation (%)	Tensile strength Mpa min./max.	max. final isolated conductor dia.(mm)	conductor insulation HSTF/PTFE nom. Sect. [mm²]	isolation colour	Filler PTFE nom. Sect. [mm²]	1. GORE-TEX Binder nom. Sect. [mm²]	2. GORE-TEX Binder nom. Sect. [mm²]	3. GORE-TEX Binder nom. Sect. [mm²]	served wire shield		braided shield				Tensile strength (shield core) Mpa min./max.	max. ohmic resist. of shield core (ohm/m)	Jacket (Polyimide) nom. Sect. [mm²]	max. diameter [mm]	min. Bendingradius (mm)	twisted wire length of lay (mm)		max. ohmic resist.of cable core (ohm/m)	capacitance max. (pf/m)		max. weight [g/m]
																						nom.sect. SST [mm²]	coverage (%)	nom.sect. SST [mm²]	coverage (%)	braid	angle (°)						min	max		cond. to cond.	cond. to Sh.	
H02238SS	GSC-05-82625-00	x			44(01)	2	2	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,191	0,287	0,438	0,178	70				800 / 1000	12,0/8,5	0,306	1,75	18	7,0	9,0	140	50	70	4,2	
H02238BS	GSC-05-82683-00	x			44(01)	2	2	38	0,11	0,008	Brass	10	5	294/ 470	0,40	0,076	red		0,243	0,34	0,47	0,194	70				800 / 1000	10,5/7,5	0,327	1,9	19	8,0	10,0	12	50	70	4,4	
H12-403238SS	GSC-05-82630-00	x			44(01)	2	12	38	0,11	0,008	SST	130	2	1900/ 2100	0,36	0,043	wht		0,532	0,629	0,807	0,363	70				800 / 1000	6,0/4,5	0,537	3,2	31	9 26	11 35	140	50	70	12,5	
ESA/SCC 3901/019	GSC-05-82360-00	x			40(01)	1	4	28	0,39	0,09	CU silver plated	0,26			0,86							CU silver plated	90							4,2				0,26			19	
ESA/SCC 3901/019	GSC-05-82361-00	x			40(01)	1	6	28	0,39	0,09	CU silver plated	0,26			0,86							CU silver plated	90							4,4				0,26			17,0	
ESA/SCC 3902/002	GSC-05-82345-00	x			40(01)	2	1	26	0,49	0,14	CU silver plated	0,14			2,15							CU silver plated	90							3,6	35			0,14			31,5	
ESA/SCC 3901/019	GSC-05-82597-00	x			44(01)	1	2	28	0,39	0,09	CU silver plated	0,26			0,87							Manganin	90							2,1							5,0	
ESA/SCC 3901/019	GSC-05-82598-00	x			44(01)	1	4	28	0,39	0,09	CU silver plated	0,26			0,87							Manganin	90							2,5							8,3	
ESA/SCC 3901/019	GSC-05-82599-00	x			44(01)	1	6	22	0,76	0,38	CU silver plated	0,065			1,25							Manganin	90							4,1				0,065			34,0	

9 ANNEX 6 : HERSCHEL MEASURED WIRE AND CABLES DATA

Doc. No:	HP-2-ASED-TN-0124		Page	316
Issue:	2.0			
Date:	17.07.06	File: HP-2-ASED-TN-0124_issue_2_0_17_07_06.doc		

MEASUREMENT EQUIPMENT HEWLETT PACKARD 4263A (LCR METER) Valid Calibration: 06-07-2005										
REF. GORE	REF.W.L.	max. Ohmic resist. (ohm/m)		Capacitance max. (pF/m)				Inductance max. (uH/m)		
		cable core (GORE DATA)	Result	cond. to cond. (GORE DATA)	Result	cond. to sh. (GORE DATA)	Result	Cond. to cond. (GORE DATA)	Result	
GSC-05-82207-00	HO1030BO	1,4								
GSC-05-82208-00	HO1038BO	7,71								
GSC-05-82209-00	HO1038BS	108,4								
GSC-05-82212-00	HO2038BO	8,4		36,4						
GSC-05-82215-00	HO2130BS	1,4	1,347	53	47,8	84,7	80,7			2,3
GSC-05-82216-00	HO2138BS	7,91	7,86	28,7	24,98	51,2	48,55			2,71
GSC-05-82217-00	HO2138SS	110,2	107,8	33,6	28,47	53	46,9			2,8
GSC-05-82218-00	HO3138BS	7,5	1,36	27,4	26,08	47,7	45,39			2,3
GSC-05-82219-00	HO3138SS	108,8	108,7	22	24,22	38,2	45,32			2,95
GSC-05-82220-00	HO4030BO	1,37		43,6		70				
GSC-05-82222-00	HO4038SO	113,6		30,8						
GSC-05-82223-00	HO4138BS	7,53	7,52	28	24,54	45,4	44,08			2,23
GSC-05-82224-00	HO4138SS	109,8	107,66	30,3	29,4	50	49,2			2,7
GSC-05-82225-00	HO6130BS	1,4	1,351	46,9	32,6	71,1	64,87			2
GSC-05-82226-00	HO6138SS	109,7	107,54	25,5	24,34	44,2	75,55			2,37
GSC-05-82227-00	HO6138BS	7,7		32,1		50,9				
GSC-05-82231-00	HO8138SS	110,8	107,66	30,4	26,94	48,1	46,41			2,41
GSC-05-82233-00	H11138SS	111,5	107,97	31,7	28,4	49,4	47,67			2,07
GSC-05-82238-00	H19138SS	109,8	107,28	32,7	30,62	54,4	56,19			1,82
GSC-05-82240-00	H24138SS	108,8	109,01	27	24,37	45,2	48,52			2,07
GSC-05-82250-00	H12-4031S	110,8	109,01	31,1	21,54	39,9	48,82			2,07
GSC-05-82266-00	HO1238SS	107,5	106,32	shield/shield 159,3	shield/shield 146,6	66,3	cond/1st shield 64,7 cond/2nd shield 44,3			5,07
GSC-05-82271-00	HO3-02130BS	1,4	1,352	44,2	51,38	65,8	63,72			2,49
GSC-05-82272-00	HO2-02130BS	1,4	1,372	43,2	35,53	64,7	61,19			1,91
GSC-05-82274-00	HO6-02130BS	1,4	1,35	44,1	31,16	59,6	56,1			1,65
GSC-05-82275-00	HO8-02138SS	111,9	100,34	33,9	23,28	47,6	70,03			1,7
GSC-05-82276-00	HO2-02138SS	110,2	108,02	26,9	31,23	43,7	49,5			3,79
GSC-05-82345-00	HO1226CC	132,9 mOhm/m	140 mOhm/m		1st shield/2nd shield 538,7	50	cond/1st shield 49,5 cond/2nd shield 44,8			1,47
GSC-05-82347-00	HO2038SO	109,2		29,7						
GSC-05-82348-00	HO2030BO	1,37		42						
GSC-05-82349-00	HO-3130BS	1,4	1,348	46,7	43,37	74,9	71,8			2,62
GSC-05-82350-00	HO4130BS	1,4	1,348	46,5	41,03	71,7	66,95			2,26
GSC-05-82351-00	HO5138BS	7,6	7,43	30,7	28	49,2	44,6			2,48
GSC-05-82352-00	HO5138SS	109,6	109,06	24,4	24,03	42,3	48,98			2,61
GSC-05-82353-00	HO5130BS	1,35	1,348	46,9	42,4	72,9	67,43			2,21
GSC-05-82354-00	H11138BS	7,75		29,7		45,2				
GSC-05-82355-00 triax cable	HO1238BS	7,52		shield/shield 176,8		73,1				
GSC-05-82356-00	HO4-02138SS	109,8	108,45	28,6	24,75	47	48,96			2,44
GSC-05-82357-00	HO6-02138SS	110,3	109,06	34,2	28,8	47,6	54,14			2,92
GSC-05-82358-00	HO4-02130BS	1,37	1,37	46,7	35,8	67,9	62,01			1,64
GSC-05-82360-00	HO2-020128	208,8 mOhm/m	208,3 mOhm/m	42,6	35,5	79,5	71,4			1,7
GSC-05-82361-00	HO3-020128		213 mOhm/m	75,5	57,5	126,2	110,8			1,98
GSC-05-82597-00		214,2 mOhm/m		89		159,1				
GSC-05-82598-00		112,6 mOhm/m		86,5		159,7				
GSC-05-82599-00		52,4 mOhm/m		123,7		208,6				
GSC-05-82625-00	HO2238SS	110	108	37,5	37,78	55,5	58,12			3,6
GSC-05-82630-00	H12-4032SS	109,2	105,3	27	shield/shield 219,18	36,8				1,38
GSC-05-82639-00			110		23,19 shield/shield 409,89		40,32 2 shields/cab 46,98			
GSC-05-82683-00	HO2238BS	7,68	7,56	32,3	32,1 shield/shield 227,98	55	54,44			1,78
SPL 10-26-N Rev. A		141,7 mOhm/m								
SPL 11-28-N		203,5 mOhm/m	204,18 mOhm/m			194,5	195,5			1,55
SPL 20-24-N Rev. A		100 mOhm/m		47,6						
SPL 20-28-N		222,7 mOhm/m	210	38,4						1,51
SPL 21-28-N		210 mOhm/m	209,17 mOhm/m	83,8	75,6	150,1	133,5			1,53
SPL 31-28-N		207,5 mOhm/m	210,41 mOhm/m	83,3	69	149,8	132,3			1,64
SPL 40-20-N			32,2 mOhm/m							1,33
SPL 40-28-N		208,3 mOhm/m	213 mOhm/m	38,4						1,44
SPL 41-28-N		205,8 mOhm/m	205 mOhm/m	79,2	72,7	143,8	126			1,6
SPL 51-28-N		204,6 mOhm/m	206,8 mOhm/m	65,9	54,1	123,8	121,5			1,62
SPL 61-28-N		210,2 mOhm/m	210,3 mOhm/m	69,7	56	123,6	110,6			1,58
SPL 71-28-N		200,9 mOhm/m	208,6 mOhm/m	69,5	47	121,3	110			1,56

10 Conclusion

As documented in this technical note the Herschel Cryo SIH, interconnecting the scientific instruments warm units, mounted within the Herschel SVM, with their related cold units, mounted on the optical bench within the cryosat, fulfils all ohmic wire resistance requirements as provided in the relevant IIDB's (AD-1, AD-2, AD-3) Except for the two cases explained below:

1. Section Annex 1-4 HIFI LOU Harness.

Some of the LOU harness drain line wires exceed their specified values. In all cases the exceedance is less than 0,35 mohm. The NCR HP-111 000-ASED-NC-2379 was raised on this non conformance and was discussed with HIFI. The small exceedance could be accepted by the instrument and the NCR could be closed. In addition a RFD will be issued to cover this subject.

2. Section Annex 3-4 SPIRE Harness External CVV and SVM.

Twelve wires of the CVV external SPIRE SIH (bundle 11 and 13) exceed their specified value by about 10 Ohm. The NCR HP-112 000-ASED- NC- 2449 was raised and is under discussion with the SPIRE instrument. The conclusion on this subject will be reported in the next issue of this document.

Furthermore, this technical note demonstrates that all Cryo SIH requirements w. r. t. cable capacitance as given in the IIDB's (AD-1, AD-2, AD-3) are fulfilled by the Herschel Cryo SIH with one exception as explained below.

The total capacitance between the inner and outer shield of the triax cable, used for the PACS SIH, exceeds its specified value. It was demonstrated by test that this cable non compliance has no adverse impact on the PACS instrument performance.

Consequently the related NCR (HP-121432-ASED-NC-0697) was closed and in addition covered by the RFD HP-2-ASED-RD-0030.

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	Name	Dep./Comp.		Name	Dep./Comp.
X	Alberti von Mathias Dr.	SM 34	X	Stritter Rene	ED 11
	Alo Hakan	OTN/LP 45		Tenhaeff Dieter	SM 34
	Barlage Bernhard	ED 11		Thörmer Klaus-Horst Dr.	OTN/ED 65
	Bayer Thomas	ED 541		Wagner Klaus	SM 31
	Faas Horst	EA 65	X	Wietbrock Waller	ED 521
	Fehringer Alexander	SM 33		Wöhler Hans	SM 34
	Frey Albrecht	ED 422	X	<i>Friede, Wolfgang</i>	<i>AED 65</i>
	Gerner Willi	ED 11			
X	Grasl Andreas	OTN/EN 64			
	Grashoff Brigitte	ED 521			
	Hauser Armin	SM 31			
	Hinger Jürgen	SM 31			
X	Hohn Rüdiger	ED 541			
	Huber Johann	ED 543	X	Alcatel	ASP
	Hund Walter	SE 76	X	ESA/ESTEC	ESA
X	Idler Siegmund	ED 432			
	Ivady von András	ACE 32		Instruments:	
	Jahn Gerd Dr.	SM 31	X	MPE (PACS)	MPE
	Kalde Clemens	ED 532	X	RAL (SPIRE)	RAL
	Kameter Rudolf	OTN/EN 64	X	SRON (HIFI)	SRON
	Kersting Stefan	OTN/EN 63			
	Kettner Bernhard	SM 34		Subcontractors:	
X	Knoblauch August	ED 531		Air Liquide, Space Department	AIR
	Koelle Markus	ED 523		Air Liquide, Space Department	AIRS
X	Kroeker Jürgen	ED 65		Air Liquide, Orbital System	AIRT
	Kunz Oliver Dr.	SM 31		Alcatel Bell Space	ABSP
	Lamprecht Ernst	OTN/SM 222		Astrium Sub-Subsyst. & Equipment	ASSE
X	Lang Jürgen	SE 76		Austrian Aerospace	AAE
	Langfermann Michael	ED 541		Austrian Aerospace	AAEM
	Mack Paul	OTN/EN 64		APCO Technologies S. A.	APCO
	Muhl Eckhard	OTN/EN 64		Bieri Engineering B. V.	BIER
	Pastorino Michel	ASPI Resid.		BOC Edwards	BOCE
	Peitzker Helmut	ED 65		Dutch Space Solar Arrays	DSSA
	Peltz Heinz-Willi	SM 33		EADS CASA Espacio	CASA
	Pietroboni Karin	ED 65		EADS CASA Espacio	ECAS
	Platzer Wilhelm	ED 23		EADS Space Transportation	ASIP
	Pufflitz Joachim	OTN/EN 64		Eurocopter	ECD
	Rebholz Reinhold	ED 541		HTS AG Zürich	HTSZ
	Reuß Friedhelm	ED 62		Linde	LIND
	Röhe Wolfgang	ED 65		Patria New Technologies Oy	PANT
	Runge Axel	OTN/EN 64		Phoenix, Volksmarsen	PHOE
	Sachse Bernd	ED 21		Prototech AS	PROT
X	Schink Dietmar	ED 422		QMC Instruments Ltd.	QMC
X	Schlosser Christian	OTN/EN 64		Rembe, Brilon	REMB
	Schmidt Rudolf	ACE 32		SENER Ingenieria SA	SEN
	Schweickert Gern	SM 34		Stöhr, Königsbrunn	STOE