



HERSCHEL / PLANCK

HERSCHEL WARM UNITS INTERCONNECTING HARNESS MECHANICAL INTEGRATION SPECIFICATION

Rédigé par/Written by	Responsabilité-Service-Société Responsibility-Office -Company	Date	Signature
Ph. Clavel	Mechanical Architect		
Vérifié par/Verified by			
Ph. Clavel	Mechanical Architect		
M. Rossi	Head of Mechanical Architecture		
B.Gobillot	Herschel AIT Responsible		
B. Collaudin	Herschel Planck Instruments Manager		
Y. Roche	Herschel Engineering Manager		
P. Rideau	Herschel Planck System Engineer		
A. Knight	Herschel PA Manager		
D. Montet	Herschel Satellite Manager		
Approbation/Approved			
T. Grassin	Herschel Planck PA Manager		
J.J. Juillet	Herschel Planck Project Manager		

Entité Emettrice : Alcatel Alenia Space France
(détentrice de l'original) :

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1. SCOPE

This document provides guidelines and requirements for the Herschel Warm units Interconnecting Harness (WIH) mechanical integration **and connections, SVM harness connections**. It is applicable to the Herschel satellite PFM. The requirements for WIH integration are provided through:

- WIH assembly drawings and description reports
- Typical integration sequence and **general procedure**
- **General procedure for HRN connection**
- Special cares, when needed.

Only mechanical integration is specified herein, the electrical connection of the harness / warm units is not covered in this document.

The integration procedures are to be defined on this basis by ASED.

2. DOCUMENTS

2.1 Applicable documents

I: document to be used for WIH Integration

V: document to be used for verification before integration or once the integration is completed.

Applicable issues are listed in HPLM list of applicable documents **H-P-2-ASP-LI-0057** when not specified.

System

AD1-x	Reference number	Title	To be used for
AD1-1	ESA/CSS (ECSS) N° 3401/022	Connector savers	I

Warm unit interface

AD3-x	Reference number	Title	To be used for
1	SCI-PT-02125 – Chapter 5	IID-B HIFI	V
2	SCI-PT-02124 – Chapter 5	IID-B SPIRE	V
3	SCI-PT-02126 – Chapter 5	IID-B PACS	V
4	SCI-PT-04624 – Chapter 5	IID-A	V

SVM structure user manual

AD4-x	Reference	Designation	To be used for
1	H-P-4-CASA-UM-050 *	Assembly procedure for the deliverable items	I

* Refer to SVM PFM EIDP

SVM assembly procedure (for handling of SVM lateral panels)

AD5-x	Reference	Designation	To be used for
1	H-P-PR-AI-0058*	Herschel / Planck assembly procedure	I
2	H-P-PR-AI-0040	SVM handling procedure	I
3	H-P-IC-AI-0003	SVM Electrical ICD	I

* Refer to SVM PFM EIDP

Harness installation drawings (also included in AD3-4)

AD6-x	Reference	Designation	To be used for
1	HP-NXH-DW-1021 rev. B3	SVM PACS instrument panel assy	I
2	HP-NXH-DW-1022 rev. B2	SVM SPIRE instrument panel assy	I
3	HP-NXH-DW-1023 rev. B2	SVM HIFI2 instrument panel assy	I
4	HP-NXH-DW-1024 rev. B2	SVM HIFI1 instrument panel assy	I
5	HP-NXH-DW-1050 rev. B2	SVM lower floor instrument panel assy	I

Harness description reports (also included in AD3-4)

AD7-x	Reference	Designation	To be used for
1	H-P-4-NXH-RP-0021	HP WU PACS harness	I
2	H-P-4-NXH-RP-0020	HP WU Spire harness	I
3	H-P-4-NXH-RP-0022	HP WU HIFI harness	I

SVM dismountability brackets description

AD8-x	Reference	Designation	To be used for
1	H-P-4-NXH-TN-0001	Herschel – Planck Dismountability Brackets Connectors List	I
2	H-P-4-KTH-ADP-390000-008 §4	Connectors Brackets Traceability List	I
3	HP-01-01-01-KT HP-01-01-02-KT HP-01-01-03-KT	SVM Harness brackets	I

2.2 Reference documents

RD 1: HP-2-ASED-PL-0026 iss. 2.2: Satellite AIT plan – PFM (Part 2)

RD 2: HP-4-CASA-LI-020 iss.6: SVM Structure Declared Materials and Parts List

WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

DATE : 15/05/2006

Issue : 2.0 Page : 7/303

3. SEQUENCE

The mechanical integration of the WIH, **connections of WIH and SVM HRN** is included and is depending on the following AIT sequence according to RD1:

Step	Operation	ASED ref sheet
1	Integration of SVM harness on SVM panels	AAS-I
2	Integration of WIH on SVM panels	TBD ASED
3	WU preparation (all HRN Ty-bases installation)	TBD ASED
4	Mechanical integration of WU on SVM panels	F.010.020
5	Mate WIH with WU's	F.010.030
6	Completion of WIH integration on WU's	TBD ASED
7	Mate SVM HRN with WU's	TBD ASED
8	Integration of Cryoharness on lateral panels and mating with WU's	TBD ASED
9	Electrical verification of WU (power and CDMU line)	F.010.030
10	Integration of WIH on SVM lower platform	TBD ASED
11	Mate SVM panels with SVM FM (HRN connection)	F.045.010

It is necessary to complete the WIH integration after the Warm Units integration (foreseen in step 6) when the WIH is routed on the chassis of the units.

Steps 6, 7 and 8 could be exchanged in local area, providing that final HRN mounting respect overlapping between cryo-HRN, SVM HRN, and WIH as defined in AD6-x and AD7-x.

Steps 2, 5:7 and 10:11 are covered in this document.

4. STARTING CONFIGURATION

4.1 SVM

The WU mechanical integration tasks can start when the warm units MTD and the dummy harness have been dismantled and the panels refurbished. The four instruments panels are disassembled from the rest of the satellite, they are placed on the EPT / PTT (Equipment panel trolley / Panel Tilting Trolley).

The WIH stand-offs are already installed on the panels (was done for the STM).

In step 2, The Warm Units are not yet integrated onto the panels. The SVM harness have been already integrated on the panels.

4.2 WIH

The WIH is composed of a number of bundles. At delivery to ASED AIT, they are packed and identified separately. Before starting the integration, the incoming inspection of the WIH has been performed successfully.

4.3 Warm units

In step 2, the WU's are not present.

The mechanical integration of the WU's is completed at step 4. All the ty bases have been glued onto the units in step 3, prior to the assembly with the panels.

The electrical connection of the WU's is completed in step 6:8.

5. GENERAL RULES

5.1 Interface checks before integration

Interface checks shall be done before starting the integration procedure. As a minimum, the following has to be performed:

- WIH pre-shape and panel IF consistent with drawings AD6-1 to 6-5 (visual checks).

It shall also be verified that the initial configuration is as described in chapter 4.

5.2 Verifications after bundle integration

As a general rule, a visual inspection shall be done after **all** bundle integration.

It shall be verified that the configuration after integration is in line with the assembly drawings in §2.1

6. PROCUREMENT

The WIH and associated mounting hardware supplied to ASED is according to AD3-4 §10.2.2. Instruments (TBC) can provide spares of connectors screw-lock. Consumables (e.g. tapes, cable protections, ...) not referred in AD3-4 are to be provided by ASED according to ASED standard.

7. GENERAL PROCEDURE – WIH INTEGRATION

This chapter covers the WIH installation on SVM panels in step 2 and 6, and SVM lower platform for HFI HRN in step 10 of §3 in the present document.

The WIH integration procedures shall be prepared based on the drawings AD 6-x and the WIH design reports AD 7-x.

1/ Concerning these documents, the following comments can be made for better understanding:

- The chronological order into which the bundles shall be laid-down is specified in the tables within the documents AD 7-x. Except for PACS, for which the WIH bundles can be integrated in any sequence. See AD7-2 page 11 for SPIRE, AD7-3 page 11 and 12 for HIFI. The chronological order is mentioned in the last column.
- In these tables, only the WIH bundles are listed. SVM harness bundles are not mentioned.
- In the drawings AD6-x, both WIH and SVM harnesses are shown
- The bundles can be identified in the drawings thanks to:
 - * Colour code: the meaning of the colour in the drawings AD6-x is given in the reports AD7-x, chapter 4.1.
 - * Labels giving the bundle reference in the drawings AD6-x
 - * In each table of AD7-x, the 'from' connectors and the 'to' connectors are given for each bundle reference.

2/ The following guideline is recommended for installation:

- For each panel, the chronological integration sequence shall be established regarding the physical implementation of the bundles according to AD7-x: bottom bundles first, top bundles last.

The General procedure for the bundles installation is the following:

- Before starting with the bundle lay down, clean the WIH area of the panel with IPA. This does not apply in case of common routing with a SVM harness bundle already in place.
- Report mass of bundle and fixation hardware from relevant EIDP
- Lay-down the bundle according to the drawing
- Protect the bundle with adequate tape and protections according top ASED standards, at the location where the ty-rap will be applied and fastened.
- Apply and fasten the Ty-raps at the specified locations.
- Verify that there is no risk of damaging the bundles with any sharp edge such as a unit, a connector bracket. Prevent if necessary by using adequate protection at this location.
- As a general rule, respect minimum bending radius as specified in AD7-x. Exceptions are to be made for RF semi-rigid cables type, which are already bent in final configuration and micro-graph and electrically tested.
- It is suggested to fasten the last ty-rap close to units only once the mating of the harness connector with the unit is done.
- In a few number of places mentioned on the drawings, the SVM harness and WIH are routed together. In such cases, it is necessary to cut the already in place SVM harness Ty-rap, and replace it by a new one holding together the SVM harness and the WIH when installed.

8. GENERAL PROCEDURE - CONNECTORS MATING ON WU'S

This chapter covers the WIH and SVM HRN mating on WUs in step 2 and 7 of §3 in the present document.

The following locking torques (extracted from WU's ICD's in AD3-x) shall be applied.

	DSUB connectors	SMA connectors	MDM connectors
HIFI			
LCU	0,33+/-5%		
FHLSU	0,45+/-5%	0,9+/-5%	
FHHRH/HRV	0,44+/-5%	1,15+/-5%	
FHWOH/WOV	0,44+/-5%	1+/-5%	
FHWEH/WEV	0,44+/-5%	1+/-5%	0,28+/-5%
IFH/V	0,44+/-5%	0,24+/-5%	
FHICU	0,33+/-5% TBC		
FHFCU	0,44+0/-5%		
PACS			
HPDPU	0,33+/-5% TBC		
SPU	0,33+/-0,02		0,28+/-0,02
DECMEC	0,33+/-5% TBC		
HPBOLC	0,3+/-5%		
SPIRE			
HSDPU	0,33+/-5% TBC		
HSDCU	0,3+/-5%		
FCU	0,3+/-5%		

Torques in the above table is expressed in N.m.

9. GENERAL PROCEDURE - CONNECTORS MATING ON SVM BRACKETS

This chapter covers the following connections to SVM dismountability brackets:

- The WIH mating on SVM brackets, during Integration of WIH on SVM lower platform in step 10 of §3 in the present document, and
- The WIH and SVM HRN mating on SVM brackets, during the mating of SVM panels with SVM FM in step 11 of §3 in the present document.

The coding of SVM brackets is given in Annex #4 (NHX - HRN designer) and Annex #5 (Kaiser Threde - SVM dismountability brkt provider).

The locking torques to be applied is defined in Table 1(b) ESA ECSS 34.01.022 in AD1-1 for brass screws.

WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

DATE : 15/05/2006

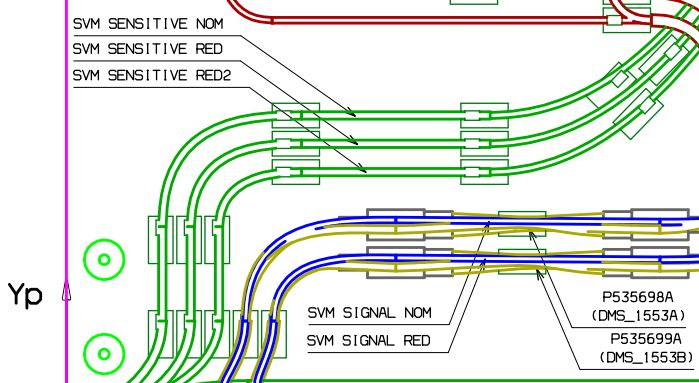
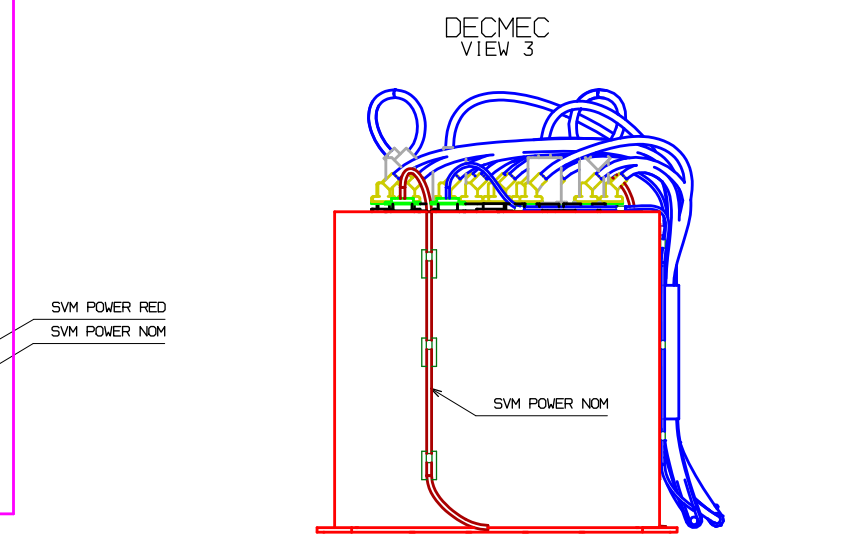
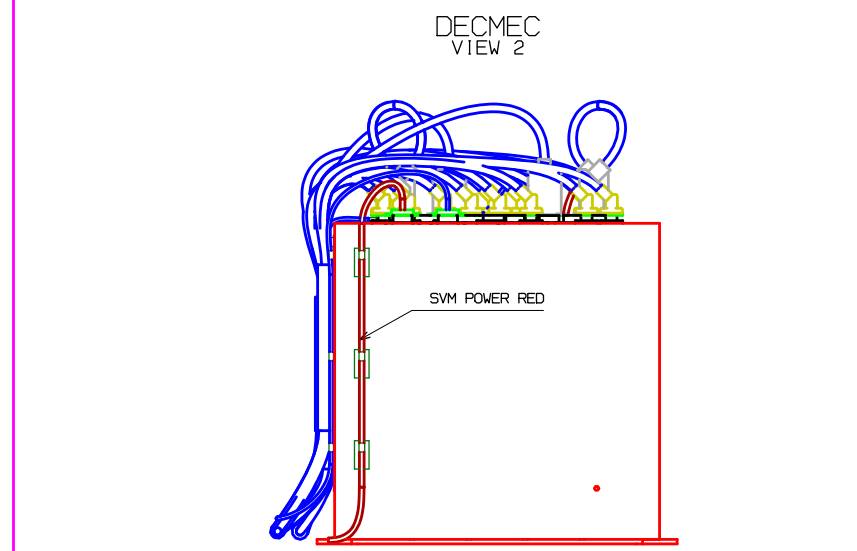
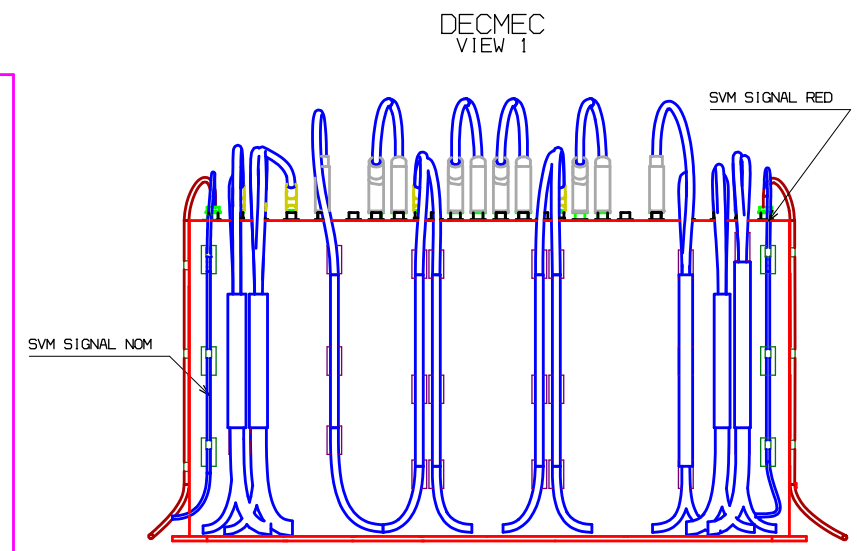
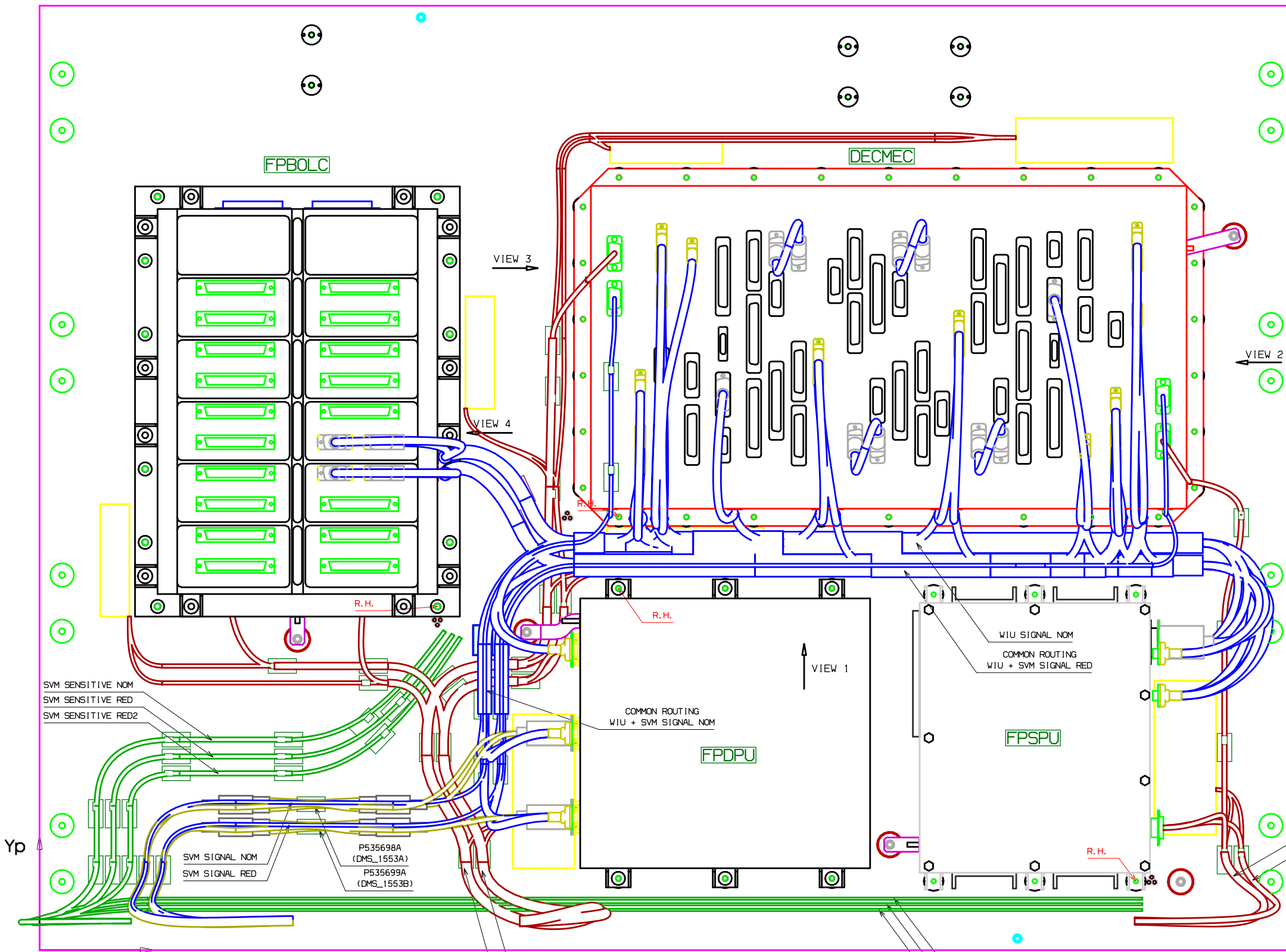
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Annex #1: PACS Harness:

- Installation drawings AD6-1
- Description reports AD7-1

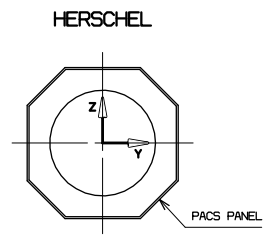
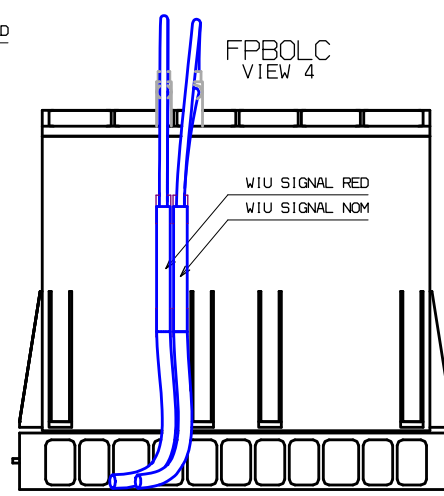


ORTHOGONAL VIEW FROM INSIDE S/C



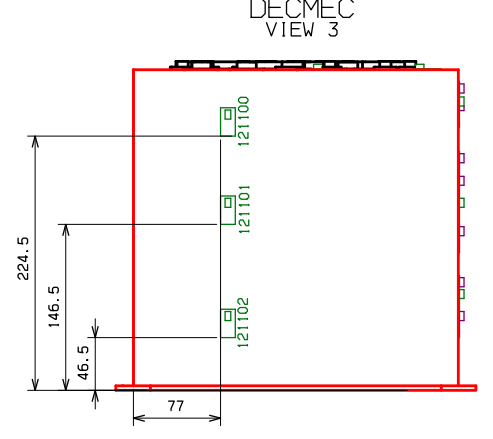
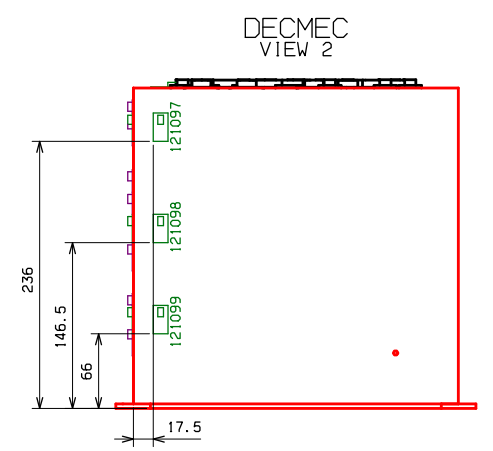
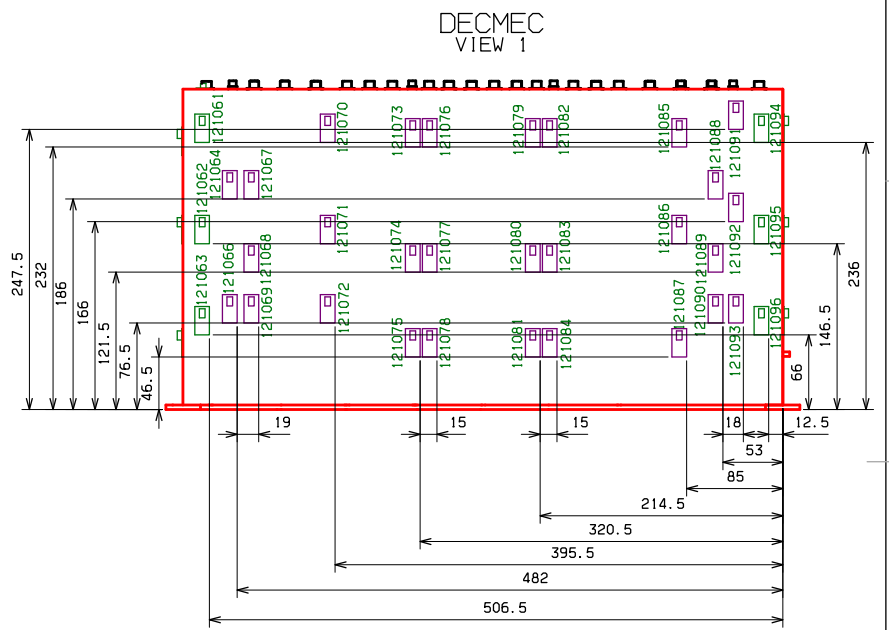
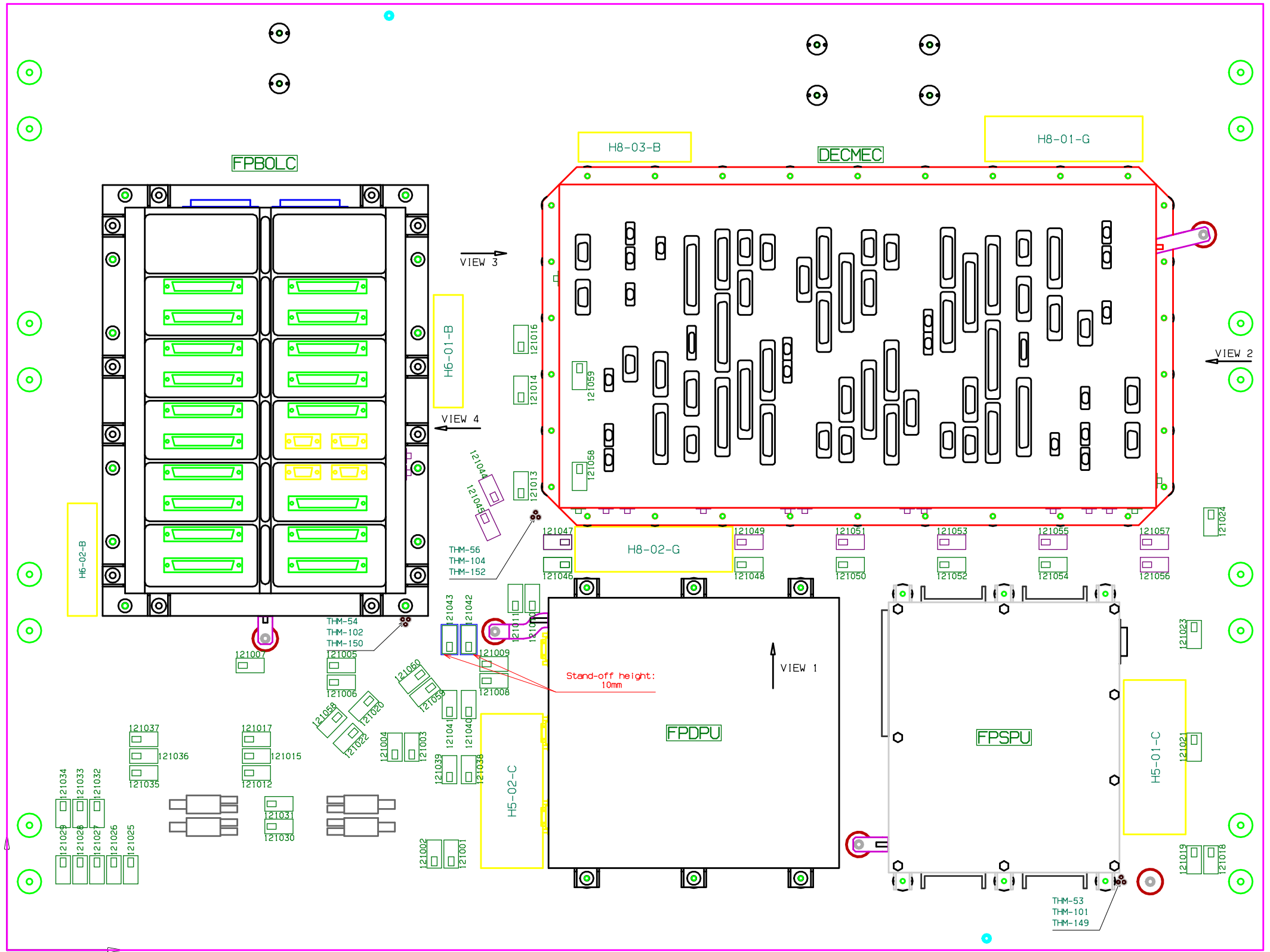
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P535699A (DMS_1553B)

Yp
Xp



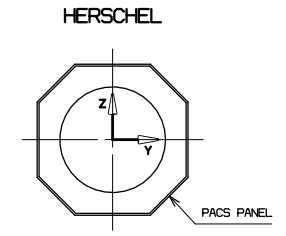
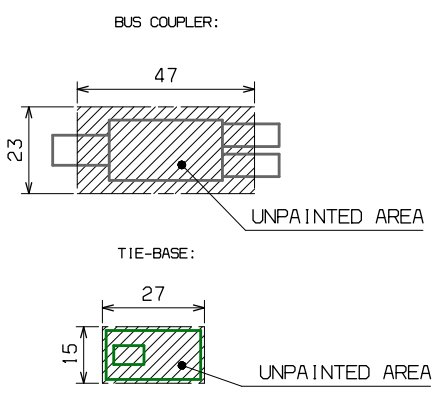
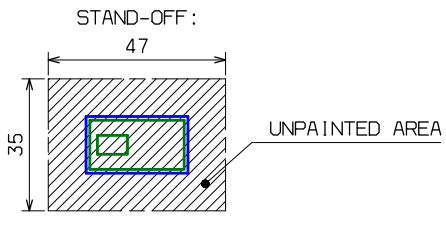
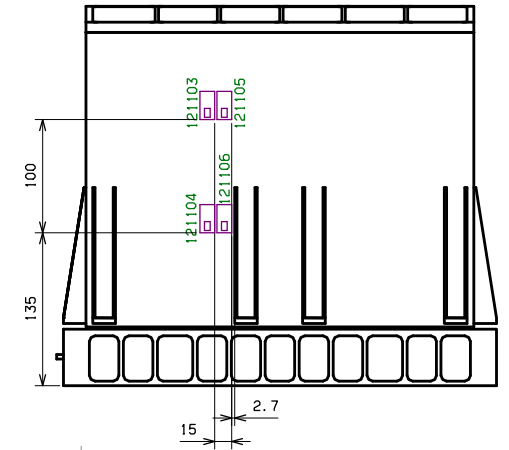
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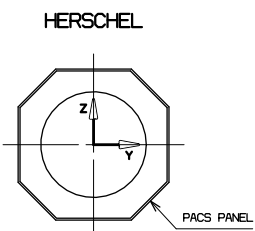
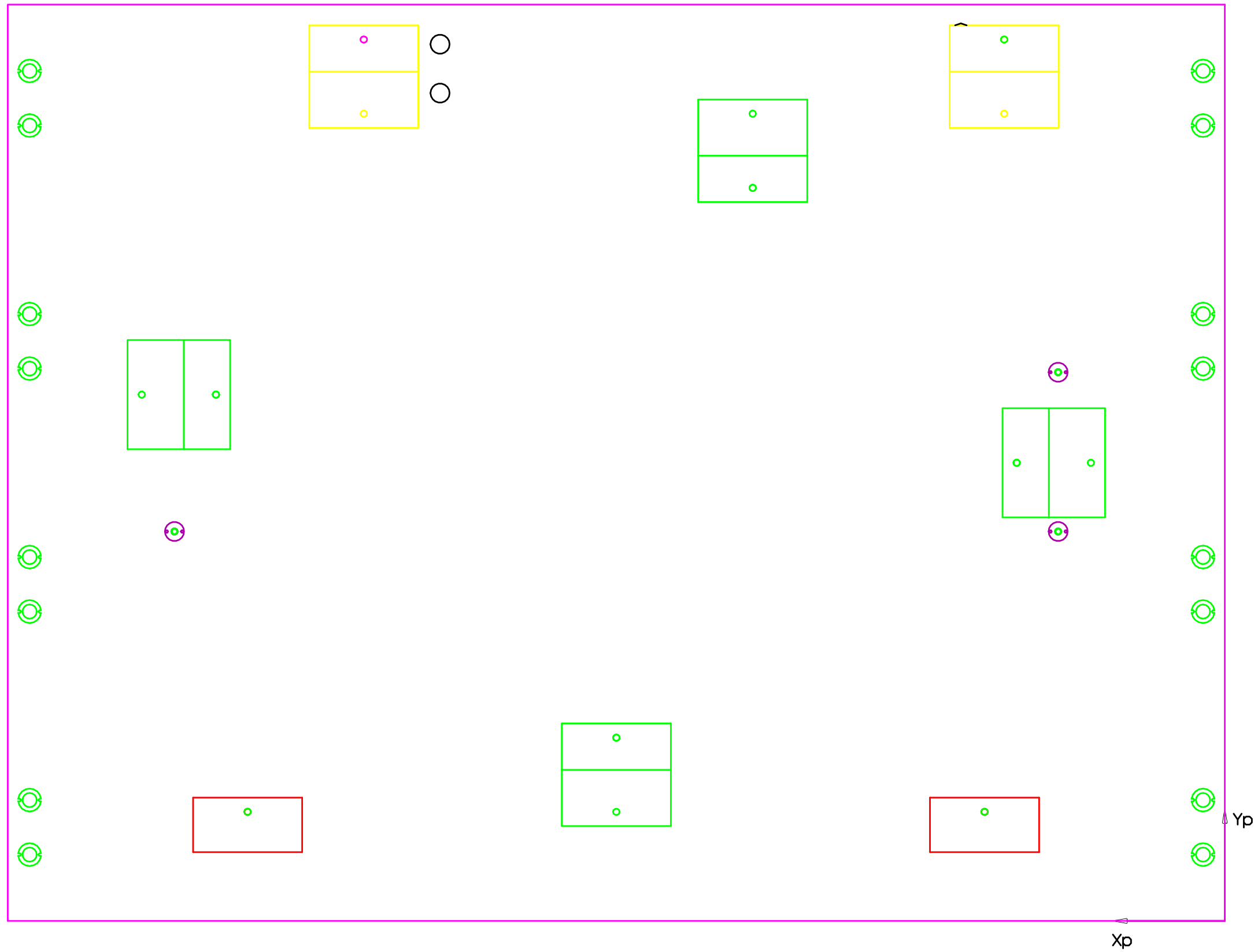
Note: - Tie-base used : TC-105
 - Stand-off used : - Stand-off-HP-01-XX-XX-KT (height upto 20mm)
 - Stand-off-HP-02-XX-XX-KT (height from 25mm)

FPBOLC VIEW 4

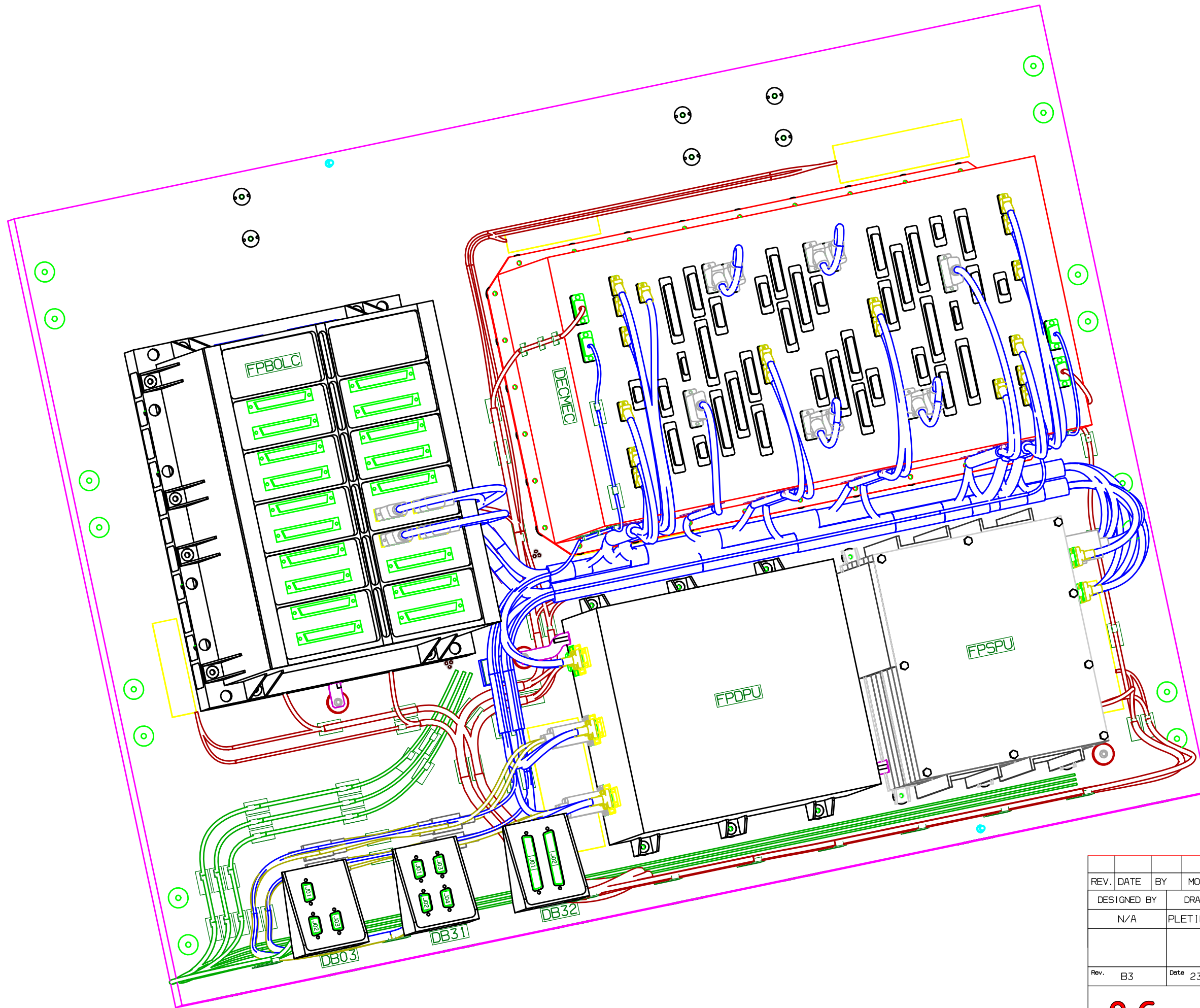



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ORTHOGONAL VIEW FROM OUTSIDE S/C



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			DWG N° HP-NXH-DW-1021		

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Date	: 16-04-2004		

TITLE

H-P WU PACS Harness

Written by	Function	Date	Signature
Johan Vervliet	Engineering	16-04-04	
Checked by			
Ken Pletinckx	Project Engineer	26.04.04	
Approved by			
Stéphane Dassy	Project Manager	26.04.04	

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	DATE: 16-04-04	Ed / Rev : A1	Page : 2 of 11

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1 Scope

The purpose of this document is to provide a description of the PACS WU harness of the Herschel S/C.

2 Introduction

The WU belonging to the PACS Experiment (BOLC, DECMEC, DPU and SPU1/2) are located on the +Y-Z Panel PACS of Herschel.

The PACS Panel harness is configured taking into account the different interconnection requirements of the experiment and harness design responsibility. The harness is split into 3 different main groups:

1. SVM Harness
2. Instrument WU Harness
3. Cryo Harness

The routing accommodation foreseen to have separate routing paths for each of the above harnesses as well as for main and redundant functions.

The instrument WU Harness is defined taking into account the harness data provided by Instruments as well as SVM and CRYO Harness Design in order to verify the relevant accommodation in the SVM configuration.

Additional details/drawings on the harness accommodation are reported in this document.

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3 Applicable Documents

3.1 Applicable documents

Number	Issue	Title
H-P-1-ASPI-SP-0027	4.2	General Design Interface Requirement Specification
H-P-1-ASPI-SP-0042	4.0	SVM Interface Specification
H-P-RP-AI-0025	1.0	SVM Harness Configuration and Design Description

3.2 ALS Baseline Documents

Number	Issue	Title
H-P-IC-AI-0001	04	Herschel/Planck SVM MICD
H-P-LI-AI-0022	05	List of HP SVM 3D CAD models
SCI-PT-IIDB/PACS-02126	2.1	/
PACS-CL-RS-010	1	Specifications for the Warm Interconnecting Harness (and DEC/MEC Harness)

3.3 CATIA Harness Directory Status : PACS

ALS Part Nr.	Rev.	Description	Resp.	Date
HP-113301-21-1	A	+Y-Z LATERAL PANEL HRN ELT ASSY (PACS)	HRN_	07.11.03
HP-113302-21-1	N/A	+Y-Z LATERAL PANEL HRN MECH ASSY (PACS)	HRN_	N/A
HP-392001-21-1	E	+Y-Z LATERAL PANEL HRN ELT ASSY (PACS)	HRN_	02.04.04
HP-392002-21-1	B	+Y-Z LATERAL PANEL HRN MECH ASSY (PACS)	HRN_	02.04.04

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4 Document Organisation

4.1 General Information : Drawings

Every Drawing contains all relevant information with reference to the H-P PACS Harness derived from the MICD (Mech. Interface Control Doc.) and the and other data provided by instruments, such as :

Power, Signal and Sensitive Routing
 Nominal & Redundant routing
 Mil Bus lay-out
 WIU Harness lay-out
 Mechanical Items lay-out
 Mechanical Items identification

Colour codes used are

colour	Class	Comment
Colour 30 (Dark Red)	1-/POWER	SVM Primary Power
Colour 04 (Light Blue)	2-/SIGNAL	SVM Signal
Colour 45 (Dark Green)	4-/SENS	SVM Sensitive Harness
Colour 75 (Dark Yellow)	2-/Signal	Mil Bus Harness
Colour 02 (Light Red)	1-/PWR	WIH Secondary Power
Colour 120 (Dark Blue)	2-/Signal	WIH Secondary Signal
Colour 111 (Dark Green)	N/A	Tie-base
Colour 05 (Yellow)	N/A	For Information Only

4.2 2D Drawing Numbering System

Each 2D Drawing is identified by H-P-NXH-DW-XXXX

Part	Field
H-P	Herschel-Planck
NXH	Nexans Harnesses
DW	Drawing
X (first of XXXX)	1 for Herschel 2 for Planck
X (second of XXXX)	0 for General Panel Information 1 for Power (Nom and Red) 2 for Signal (Nom and Red) 4 for Sensitive (Nom/Red/Red2) 9 for MIL BUS (DMS/ACMS-NOM/RED)
XX (last two of XXXX)	00 General Structure XX Panel number in ref. with H-P-LI-AI-0022 iss.5

H-P WU PACS Harness	Doc Id. : H-P-4-NXH-RP-0021		
	DATE : 16-04-04	Ed / Rev : A1	Page : 8 of 11

4.3 2D JIG Numbering System

Each 2D JIG Drawing is identified by H-P-NXH-DR-XXXX

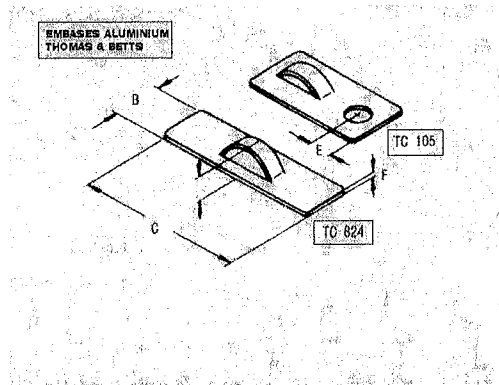
Part	Field
H-P	Herschel-Planck
NXH	Nexans Harnesses
DR	Drawing
X (first of XXXX)	1 for Herschel 2 for Planck
X (second of XXXX)	0 for General Panel Information 1 for Power (Nom and Red) 2 for Signal (Nom and Red) 4 for Sensitive (Nom/Red/Red2) 9 for MIL BUS (DMS/ACMS-NOM/RED)
XX (last two of XXXX)	00 General Structure XX Panel number in ref. with H-P-LI-AI-0022 iss.5

H-P WU PACS Harness	Doc Id. : H-P-4-NXH-RP-0021		
	DATE : 16-04-04	Ed / Rev : A1	Page : 9 of 11

5 Harness Fixing

5.1 Tie-bases

The position of the tie-bases has been designed to meet the requirement to fix the harness bundles on the structure every 100mm maximum. Tiebase type used is TC-105 (Thomas & Betts). Tie-wraps sizes used, are function of bundle diameter and in accordance to the applicable process list.



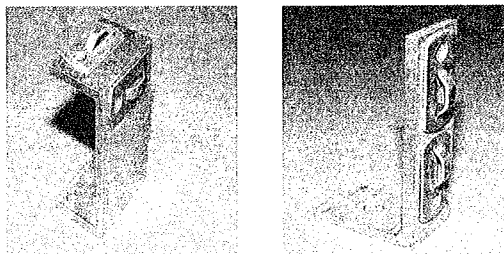
Tie-bases will be glued on the spacecraft structure and will assure harness fixation as well as electrical bonding.

5.2 Stand-off's

To maintain wire-bundles routing and minimize mechanical stress in harness, specific stand-off have been designed, which will be glued on the spacecraft structure.

The stand off designs are well approved at Kayser-Threde and will be modified to the purpose of the SVM Harness. (Pictures below)

Tie-bases will be glued to the stand-off's to allow cable fixation by using fasteners tie-wraps.



We assume 2 types of stand off will be necessary.

H-P WU PACS Harness	Doc Id.: H-P-4-NXH-RP-0021		
	DATE: 16-04-04	Ed / Rev : A1	Page : 10 of 11

6 2D Drawing Listing

6.1 PACS 2D Drawing Listing

<i>Document Ref.</i>	<i>Document Title</i>	<i>Date</i>	<i>Issue</i>
H-P-NXH-DW-1021	PACS Instrument Panel Assy	30-03-04	A1

6.2 PACS JIG Drawing Listing

<i>Document Ref.</i>	<i>Document Title</i>	<i>Date</i>	<i>Issue</i>
H-P-NXH-DR-1021	PACS Instrument Panel Assy	24-03-04	A1

6.3 PACS 2D Drawings

See annex

H-P WU PACS Harness	Doc Id. : H-P-4-NXH-RP-0021		
	DATE : 16-04-04	Ed / Rev : A1	Page : 11 of 11

7 PACS Extracted Lengths

Bundle	From Connector			To Connector			Bundle							
	Identification	Con Type	Bck Type	Identification	Con Type	Bck Type	Nom / Red	Category	Diameter	Bending Radius	Mass BNL (g/m)	Conn.+BCK (g)	L Max (mm)	L (mm)
FPD20_01N	FPBLC P23	DEMA 9P	100P925-09-E-05-40-1-C	FPDMC P09	MDM 9P	100P-1851-F-09-A-1-C	Nominal	2					2000	1372
FPD20_01R	FPBLC P24	DEMA 9P	100P925-09-E-05-40-1-C	FPDMC P109	MDM 9P	100P-1851-F-09-A-1-C	Redundant	2					2000	1557
FPD20_02N	FPBLC P21	DEMA 9P	100P925-09-D-02-40-1-C	FPDMC P04	MDM 9P	100P-1851-F-09-C-1-C	Nominal	2	7	45	80		2000	986
FPD20_02R	FPBLC P22	DEMA 9P	100P925-09-D-02-40-1-C	FPDMC P104	MDM 9P	100P-1851-F-09-C-1-C	Redundant	2	7	45	80		2000	1654
FPD20_03N	FPDPU P07	MDM 9P	100P-1851-U-09-A-1-C	FPDMC P01	MDM 9P	100P-1851-F-09-A-1-C	Nominal	2	7	45	80		2000	830
FPD20_03R	FPDPU P08	MDM 9P	100P-1851-U-09-A-1-C	FPDMC P101	MDM 9P	100P-1851-F-09-A-1-C	Redundant	2	7	45	80		2000	1174
FPD20_04N	FPSPU1 P22	MDM 9P	100P-1851-U-09-A-1-C	FPDMC P02	MDM 9P	100P-1851-F-09-A-1-C	Nominal	2	7	45	80		2000	1241
FPD20_04R	FPSPU2 P22	MDM 9P	100P-1851-U-09-A-1-C	FPDMC P102	MDM 9P	100P-1851-F-09-A-1-C	Redundant	2	7	45	80		2000	764
FPD20_05N	FPSPU1 P32	MDM 9P	100P-1851-U-09-A-1-C	FPDMC P05	MDM 9P	100P-1851-F-09-A-1-C	Nominal	2	7	45	80		2000	1137
FPD20_05R	FPSPU2 P32	MDM 9P	100P-1851-U-09-A-1-C	FPDMC P105	MDM 9P	100P-1851-F-09-A-1-C	Redundant	2	7	45	80		2000	902
FPD20_06N	FPSPU1 P21	MDM 9P	100P-1851-U-09-A-1-C	FPDPU P09	MDM 9P	100P-1851-U-09-A-1-C	Nominal	2	7	45	80		2000	1145
FPD20_06R	FPSPU2 P21	MDM 9P	100P-1851-U-09-A-1-C	FPDPU P11	MDM 9P	100P-1851-U-09-A-1-C	Redundant	2	7	45	80		2000	1185
FPD20_07N	FPSPU1 P31	MDM 9P	100P-1851-U-09-A-1-C	FPDPU P10	MDM 9P	100P-1851-U-09-A-1-C	Nominal	2	7	45	80		2000	1213
FPD20_07R	FPSPU2 P31	MDM 9P	100P-1851-U-09-A-1-C	FPDPU P12	MDM 9P	100P-1851-U-09-A-1-C	Redundant	2	7	45	80		2000	1246
FPD20_08N	FPSPU1 P13	DAMA 15S	100P925-15-E-05-40-1-C	FPDMC P10	DAMA 15S	100P925-15-E-05-40-1-C	Nominal	2			80		2000	1140
FPD20_08R	FPSPU2 P13	DAMA 15S	100P925-15-E-05-40-1-C	FPDMC P110	DAMA 15S	100P925-15-E-05-40-1-C	Redundant	2			80		2000	972
C01	FPDMC P03	MDM 9P	100P-1851-F-09-A-1-C	FPDMC P72	MDM 9P	100P-1851-F-09-A-1-C	Nominal	2	7	45	80		800-1000	1361
C02	FPDMC P103	MDM 9P	100P-1851-F-09-A-1-C	FPDMC P73	MDM 9P	100P-1851-F-09-A-1-C	Redundant	2	7	45	80		NA	1211
C03	FPDMC P06	MDM 9P	100P-1851-F-09-A-1-C	FPDMC P172	MDM 9P	100P-1851-F-09-A-1-C	Nominal	2	7	45	80		800-1000	1161
C04	FPDMC P106	MDM 9P	100P-1851-F-09-A-1-C	FPDMC P173	MDM 9P	100P-1851-F-09-A-1-C	Redundant	2	7	45	80		NA	1167
C05	FPDMC P18	MDM 21S	100P-1851-F-21-A-1-C	FPDMC P117	DCMA 37P	100P925-37-E-05-40-1-C	Redundant	2					NA	-
C06	FPDMC P91	DEMA 9P	100P-1851-F-09-A-1-C	FPDMC P93	DEMA 9S	100P-1851-F-09-A-1-C	-	2					150	249
C07	FPDMC P191	DEMA 9P	100P-1851-F-09-A-1-C	FPDMC P193	DEMA 9S	100P-1851-F-09-A-1-C	Redundant	2					150	249
C08	FPDMC P92	DEMA 9P	100P-1851-F-09-A-1-C	FPDMC P94	DEMA 9S	100P-1851-F-09-A-1-C	-	2					150	249
C09	FPDMC P192	DEMA 9P	100P-1851-F-09-A-1-C	FPDMC P194	DEMA 9S	100P-1851-F-09-A-1-C	-	2					150	249

Note : These lengths are CATIA extracted and therefore theoretical values. It is recommended to perform harness production activities on JIG.
 Lengths are measured from connector front face to connector front face.
 The integration sequence for the WIH bundles is free.

WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

DATE : 15/05/2006

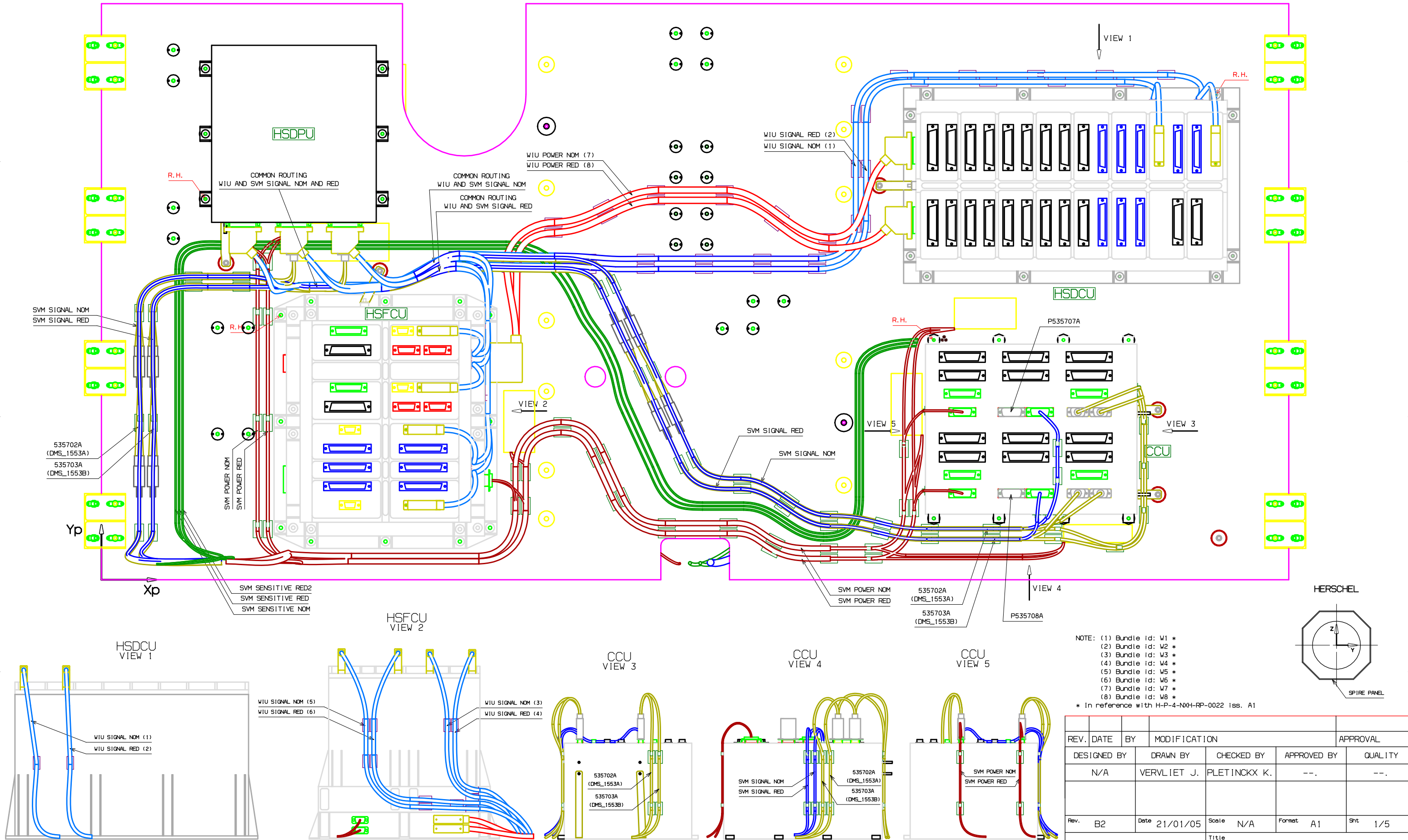
Issue : 2.0 Page : 27/303

Annex #2: SPIRE Harness:

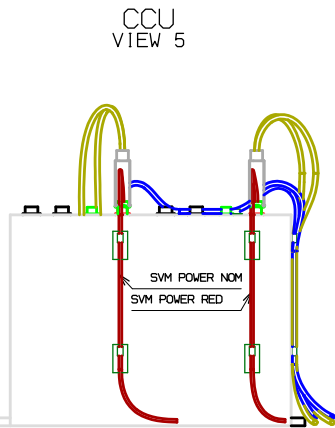
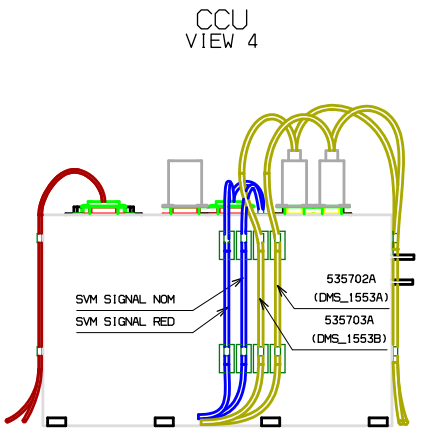
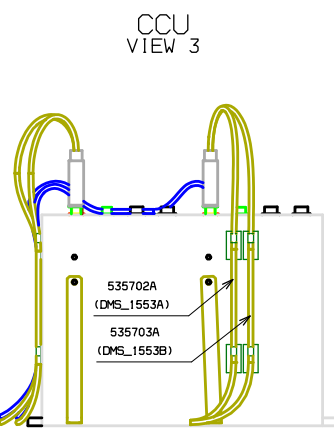
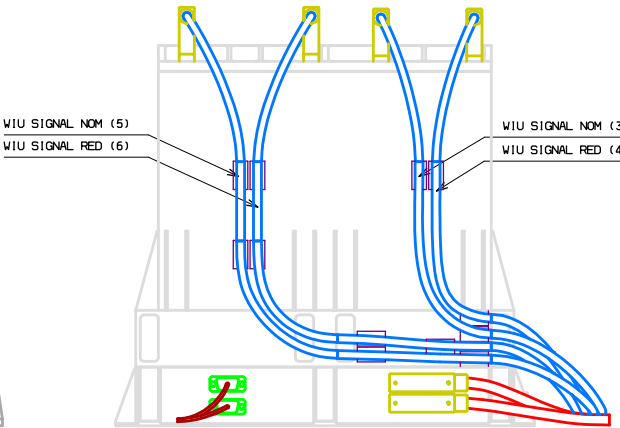
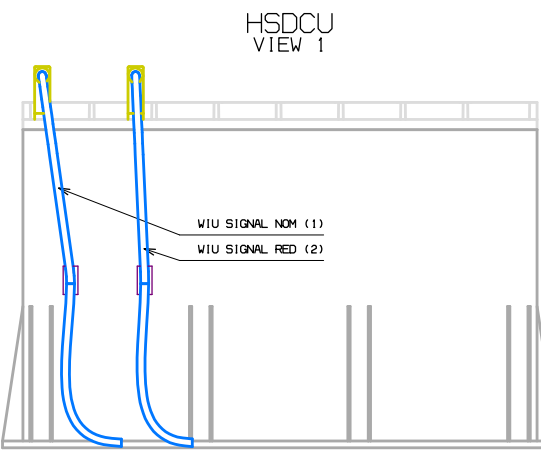
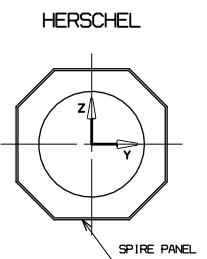
- Installation drawings AD6-2
- Description reports AD7-2



ORTHOGONAL VIEW FROM INSIDE S/C



NOTE: (1) Bundle id: W1 *
 (2) Bundle id: W2 *
 (3) Bundle id: W3 *
 (4) Bundle id: W4 *
 (5) Bundle id: W5 *
 (6) Bundle id: W6 *
 (7) Bundle id: W7 *
 (8) Bundle id: W8 *
 * In reference with H-P-4-NXH-RP-0022 Iss. A1

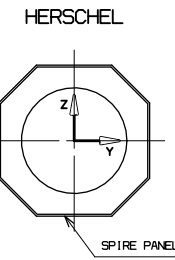


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DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	QUALITY
N/A	VERVLIET J.	PLETINCKX K.	--	--
Rev. B2	Date 21/01/05	Scale N/A	Format A1	Shr 1/5

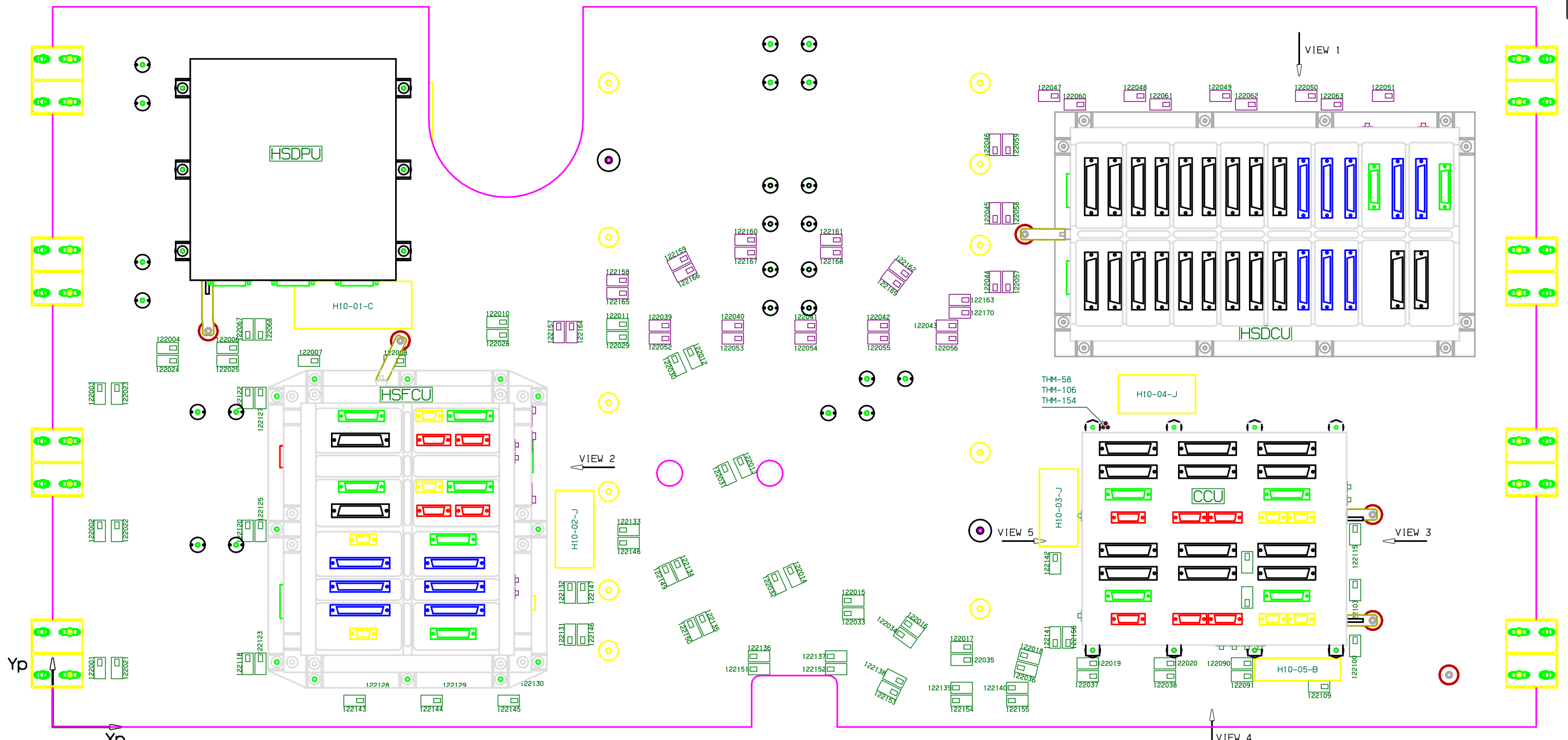
Nexas HARNESSSES

Title: SVM SPIRE INSTRUMENT PANEL ASSY

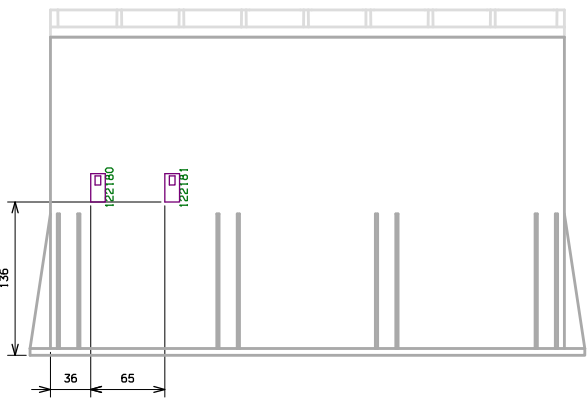
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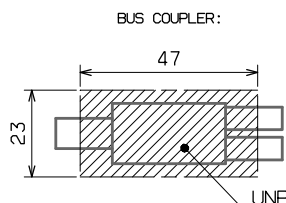
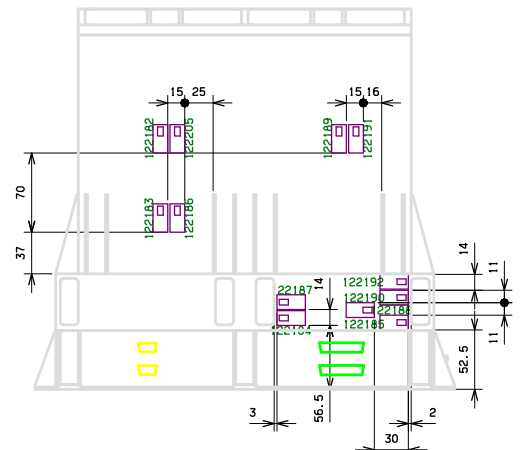
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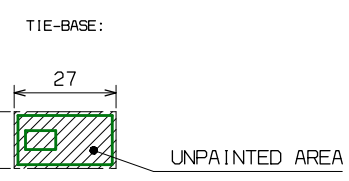
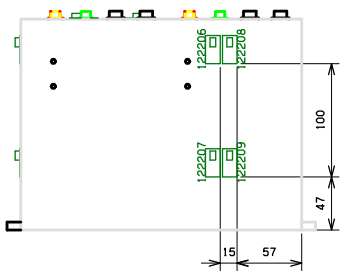
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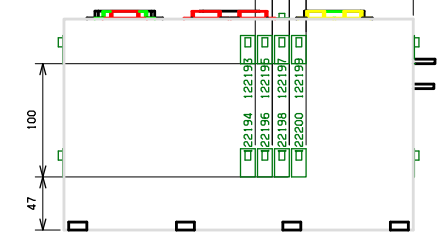
HSFCU VIEW 2



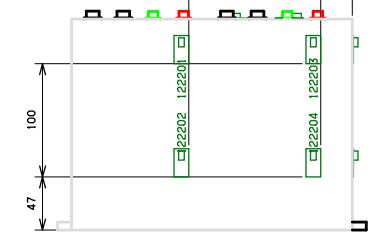
CCU VIEW 3



CCU VIEW 4



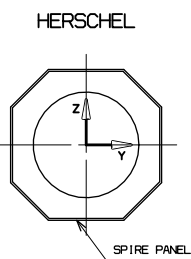
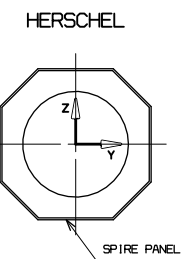
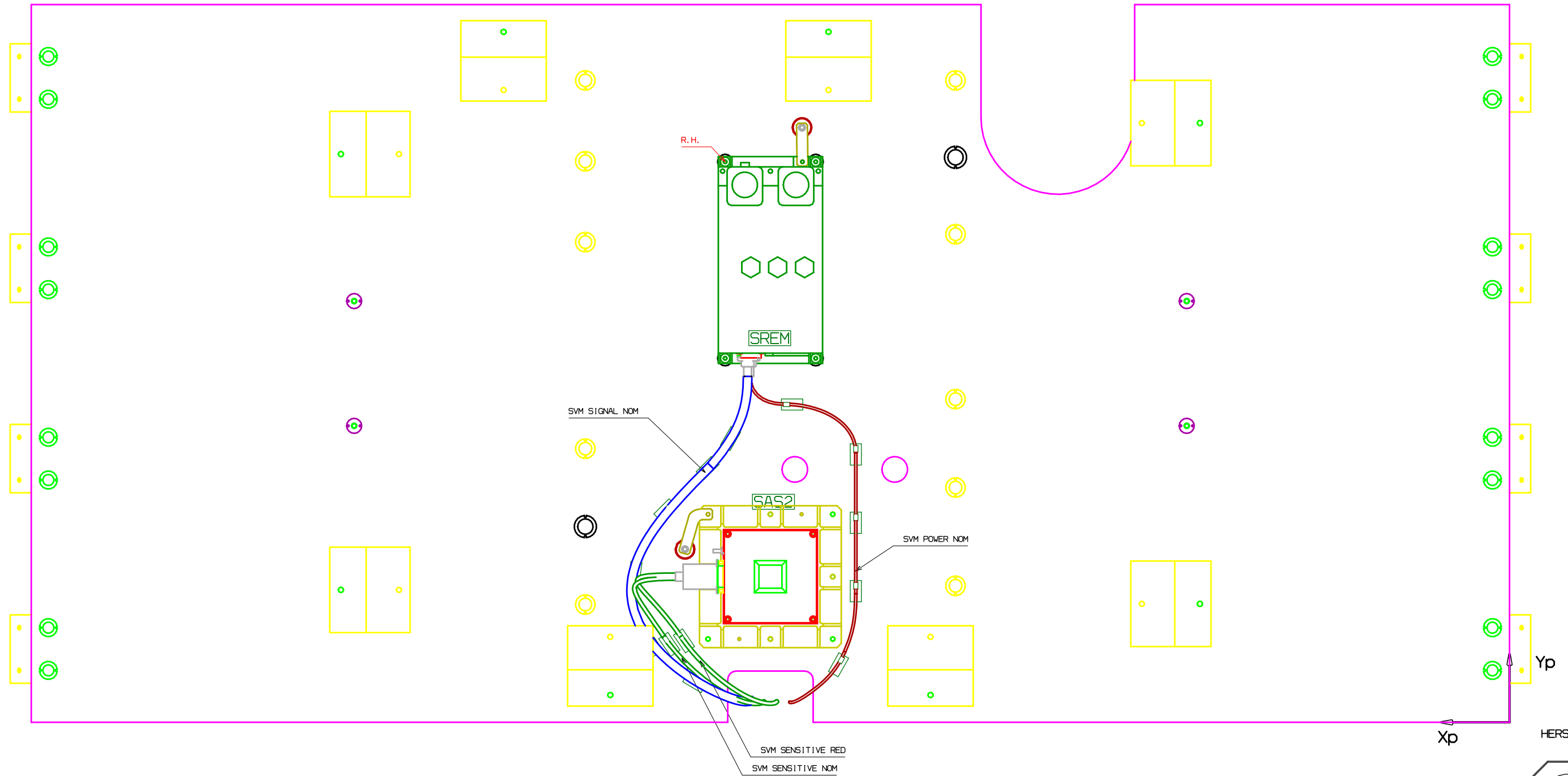
CCU VIEW 5



Note: - Tie-base used: TC-105

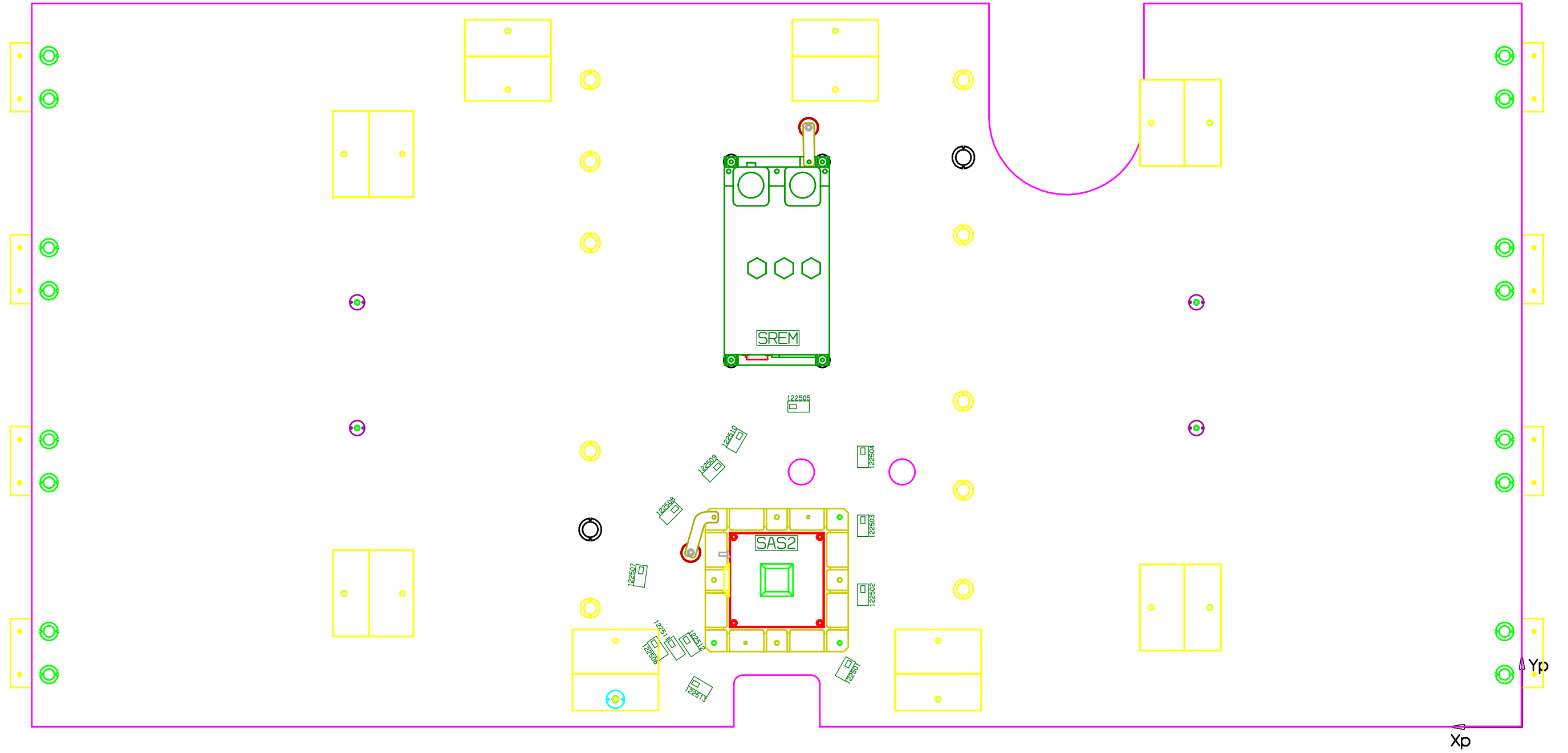
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Rev.	B2	Date	21/01/05	Scale	N/A
				Format	A1
				Sht	2/5
				Title	
				SVM SPIRE INSTRUMENT PANEL ASSY	
				DWG N°	
				HP-NXH-DW-1022	

ORTHOGONAL VIEW FROM OUTSIDE S/C

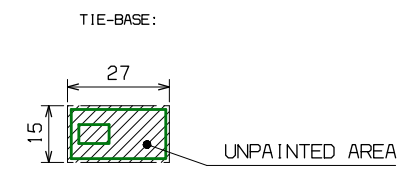
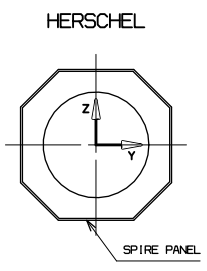


REV.	DATE	BY	MODIFICATION	APPROVAL	
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	QUALITY	
N/A	VERVL IET J.	PLETINCKX K.	--	--	
Rev.	Date	Scale	Format	Sht	
B2	21/01/05	N/A	A1	3/5	
			Title SVM SPIRE INSTRUMENT PANEL ASSY		
			DWG N° HP-NXH-DW-1022		

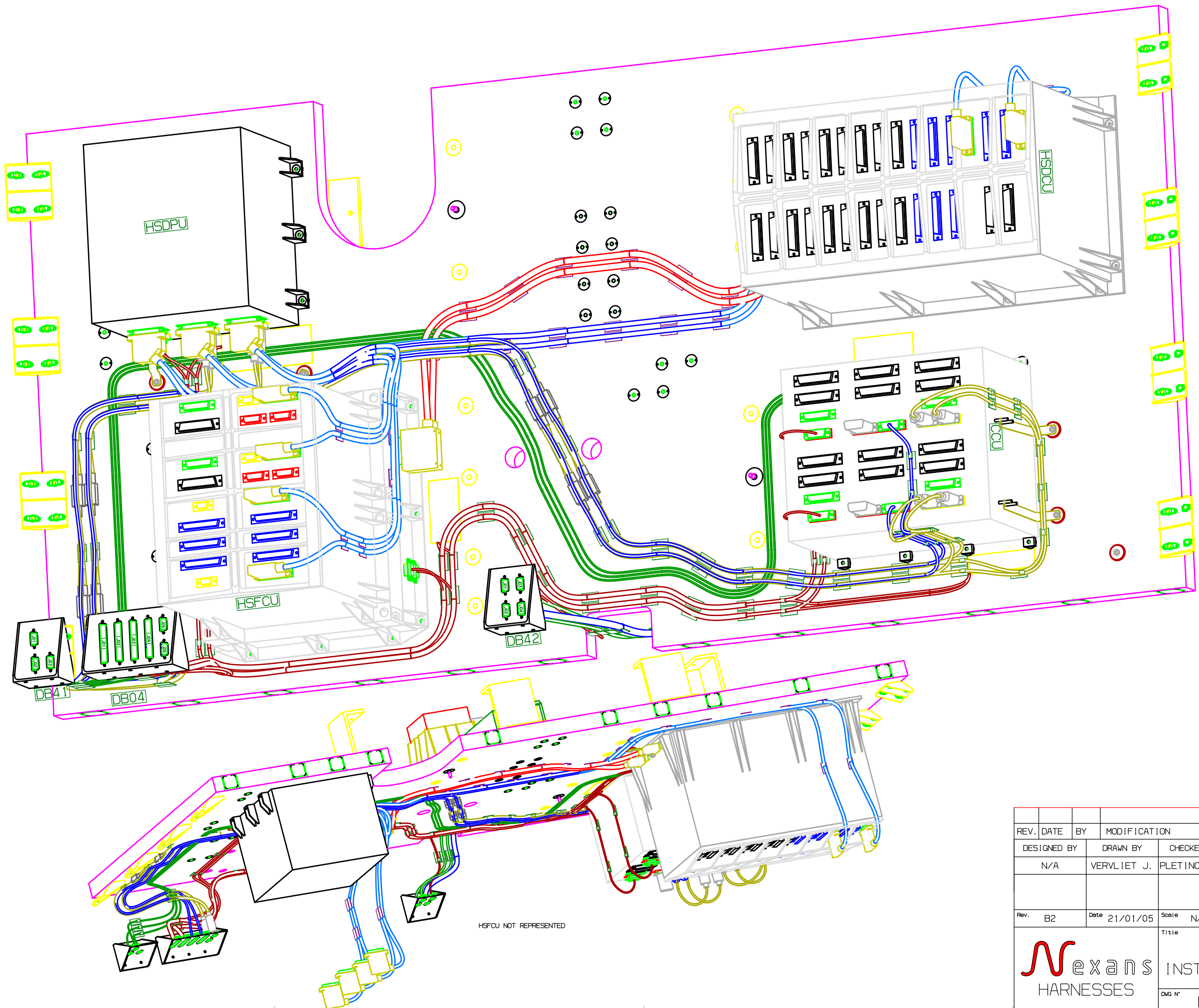
ORTHOGONAL VIEW FROM OUTSIDE S/C




Note: - Tie-base used: TC-105



REV.	DATE	BY	MODIFICATION	APPROVAL	
DESIGNED BY		DRAWN BY	CHECKED BY	APPROVED BY	QUALITY
N/A		VERVL IET J.	PLETINCKX K.	--	--
Rev.	B2	Date	21/01/05	Scale	N/A
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				SVM SPIRE INSTRUMENT PANEL ASSY	
				DWG N°	
				HP-NXH-DW-1022	



HSFCU NOT REPRESENTED

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DOCUMENT COMPOSITION

Pages	Annexes	Others
11	X	0



DOCUMENT IDENTIFICATION

Project	: Herschel – Planck
N° Project	: 1680
N° Contract	:
Material	: Herschel-Planck SVM Harness
Doc. Reference	: H-P-4-NXH-RP-0022 A1
Date	: 16-04-04

TITLE

H-P WU SPIRE Harness

Written by	Function	Date	Signature
Johan Vervliet	Engineering	16-04-04	
Checked by			
Ken Pletinckx	Project Engineer	26.04.04	
Approved by			
Stéphane Dassy	Project Manager	26.4.4.	

H-P WU SPIRE Harness	Doc Id. : H-P-4-NXH-RP-0022		
	DATE : 16-04-04	Ed / Rev : A1	Page : 2 of 11

DISTRIBUTION LIST

Company	Department	Distr.	Addressee
Nexans Harnesses	Project Management	X	Stéphane Dassy
	Quality		Abdessamad Laalimi
	Production		Denis Cammaert
	Method		Sven Storms
	Logistic		François Didden
	Engineering		Ken Pletinckx
	Sales & Contract		Eric Leurquin
ALENIA SPA	Technical Responsible	X	Bottaro Giovanni
	Programatics Responsible	X	Silvestri Renato
ALCATEL SPACE	Technical Responsible	X	Baptiste Marchand
	Programatics Responsible	X	Gian Maria Canaparo

H-P WU SPIRE Harness	Doc Id.: H-P-4-NXH-RP-0022		
	DATE:	Ed / Rev :	Page :
	16-04-04	A1	3 of 11

DOCUMENT CHANGE RECORD

Issue	Date	Reasons of change	Signature
A0	20-10-03	Document Creation	
A1	16-04-04	General document update	

H-P WU SPIRE Harness	Doc Id.: H-P-4-NXH-RP-0022		
	DATE: 16-04-04	Ed / Rev : A1	Page : 4 of 11

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1 Scope

The purpose of this document is to provide a description of the SPIRE WU harness of the Herschel S/C.

2 Introduction

The WU belonging to the SPIRE Experiment (DPU, FCU and DCU) are located on the -Z panel SPIRE. Also the CCU is located on this panel.

The SPIRE Panel harness is configured taking into account the different interconnection requirements of the experiment and harness design responsibility. The harness is split into 3 different main groups:

1. SVM Harness
2. Instrument WU Harness
3. Cryo Harness

The routing accomodation foreseen to have separate routing paths for each of the above harnesses as well as for main and redundant functions.

The instrument WU Harness is defined taking into account the harness data provided by Instruments as well as SVM and CRYO Harness Design in order to verify the relevant accomodation in the SVM configuration.

Additional details/drawings on the harness accomodation are reported in this document.

H-P WU SPIRE Harness	Doc Id. : H-P-4-NXH-RP-0022		
	DATE : 16-04-04	Ed / Rev : A1	Page : 6 of 11

3 Applicable Documents

3.1 Applicable documents

Number	Issue	Title
H-P-1-ASPI-SP-0027	4.2	General Design Interface Requirement Specification
H-P-1-ASPI-SP-0042	4.0	SVM Interface Specification
H-P-RP-AI-0025	1.0	SVM Harness Configuration and Design Description

3.2 ALS Baseline Documents

Number	Issue	Title
H-P-IC-AI-0001	04	Herschel/Planck SVM MICD
H-P-LI-AI-0022	05	List of HP SVM 3D CAD models
SPIRE-RAL-PRJ-000608	01	Herschel Spire Harness Definition
Sap-SPIRE-Cca-0106-03	0.1	DRCU Warm Harness Description

3.3 CATIA Harness Directory Status : SPIRE

ALS Part Nr.	Rev.	Description	Resp.	Date
HP-112301-22-1	A	-Z LATERAL PANEL HRN ELT ASSY (SPIRE)	HRN_	07.11.03
HP-112302-22-1	N/A	-Z LATERAL PANEL HRN MECH ASSY (SPIRE)	HRN_	N/A
HP-392001-22-1	E	-Z LATERAL PANEL HRN ELT ASSY (SPIRE)	HRN_	02.04.04
HP-392002-22-1	N/A	-Z LATERAL PANEL HRN MECH ASSY (SPIRE)	HRN_	N/A

H-P WU SPIRE Harness	Doc Id. : H-P-4-NXH-RP-0022		
	DATE : 16-04-04	Ed / Rev : A1	Page : 7 of 11

4 Document Organisation

4.1 General Information : Drawings

Every Drawing contains all relevant information with reference to the H-P SPIRE Harness derived from the MICD (Mech. Interface Control Doc.) and the and other data provided by instruments, such as :

Power, Signal and Sensitive Routing
 Nominal & Redundant routing
 Mil Bus lay-out
 WIU Harness lay-out
 Mechanical Items lay-out
 Mechanical Items identification

Colour codes used are

Colour	Class	Comment
Colour 30 (Dark Red)	1-/POWER	SVM Primary Power
Colour 04 (Light Blue)	2-/SIGNAL	SVM Signal
Colour 45 (Dark Green)	4-/SENS	SVM Sensitive Harness
Colour 75 (Dark Yellow)	2-/Signal	Mil Bus Harness
Colour 02 (Light Red)	1-/PWR	WIH Secondary Power
Colour 120 (Dark Blue)	2-/Signal	WIH Secondary Signal
Colour 111 (Dark Green)	N/A	Tie-base
Colour 05 (Yellow)	N/A	For Information Only

4.2 2D Drawing Numbering System

Each 2D Drawing is identified by H-P-NXH-DW-XXXX

Part	Field
H-P	Herschel-Planck
NXH	Nexans Harnesses
DW	Drawing
X (first of XXXX)	1 for Herschel 2 for Planck
X (second of XXXX)	0 for General Panel Information 1 for Power (Nom and Red) 2 for Signal (Nom and Red) 4 for Sensitive (Nom/Red/Red2) 9 for MIL BUS (DMS/ACMS-NOM/RED)
XX (last two of XXXX)	00 General Structure XX Panel number in ref. with H-P-LI-AI-0022 iss.5

H-P WU SPIRE Harness	Doc Id.: H-P-4-NXH-RP-0022		
	DATE: 16-04-04	Ed / Rev : A1	Page : 8 of 11

4.3 2D JIG Numbering System

Each 2D JIG Drawing is identified by H-P-NXH-DR-XXXX

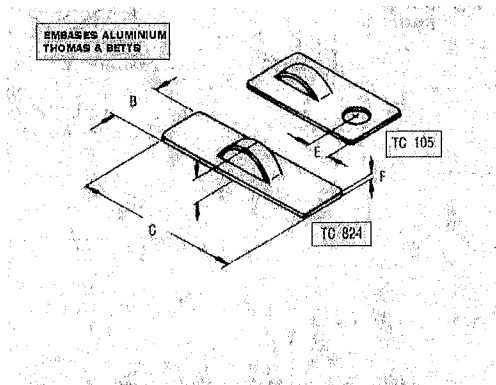
Part	Field
H-P	Herschel-Planck
NXH	Nexans Harnesses
DR	Drawing
X (first of XXXX)	1 for Herschel 2 for Planck
X (second of XXXX)	0 for General Panel Information 1 for Power (Nom and Red) 2 for Signal (Nom and Red) 4 for Sensitive (Nom/Red/Red2) 9 for MIL BUS (DMS/ACMS-NOM/RED)
XX (last two of XXXX)	00 General Structure XX Panel number in ref. with H-P-LI-AI-0022 iss.5

H-P WU SPIRE Harness	Doc Id.: H-P-4-NXH-RP-0022		
	DATE : 16-04-04	Ed / Rev : A1	Page : 9 of 11

5 Harness Fixing

5.1 Tie-bases

The position of the tie-bases has been designed to meet the requirement to fix the harness bundles on the structure every 100mm maximum. Tiebase type used is TC-105 (Thomas & Betts). Tie-wraps sizes used, are function of bundle diameter and in accordance to the applicable process list.



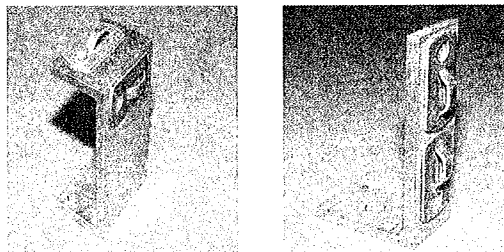
Tie-bases will be glued on the spacecraft structure and will assure harness fixation as well as electrical bonding.

5.2 Stand-off's

To maintain wire-bundles routing and minimize mechanical stress in harness, specific stand-off have been designed, which will be glued on the spacecraft structure.

The stand off designs are well approved at Kayser-Threde and will be modified to the purpose of the SVM Harness. (Pictures below)

Tie-bases will be glued to the stand-off's to allow cable fixation by using fasteners tie-wraps.



We assume 2 types of stand off will be necessary.

H-P WU SPIRE Harness	Doc Id.: H-P-4-NXH-RP-0022		
	DATE: 16-04-04	Ed / Rev : A1	Page : 10 of 11

6 2D Drawing Listing

6.1 SPIRE 2D Drawing Listing

<i>Document Ref.</i>	<i>Document Title</i>	<i>Date</i>	<i>Issue</i>
H-P-NXH-DW-1022	SPIRE Instrument Panel Assy	21-06-04	B0

6.2 SPIRE JIG Drawing Listing

<i>Document Ref.</i>	<i>Document Title</i>	<i>Date</i>	<i>Issue</i>
H-P-NXH-DR-1022	SPIRE Instrument Panel Assy	24-03-04	A1

6.3 SPIRE 2D Drawings

See Annex

H-P WU SPIRE Harness	Doc Id. : H-P-4-NXH-RP-0022		
	DATE : 16-04-04	Ed / Rev : A1	Page : 11 of 11

7 SPIRE Extracted Lengths

Bundle Identification	From Connector			T o Connector			Bundle						Sq. (*3)		
	Identification	Con Type	Bck Type	Identification	Con Type	Bck Type	Nom / Red	Category	Diam. (mm)	Bending Radius	Mass BNL (g/m)	Conn.+Bck (g)		L Max (mm)	L (mm)
W1	HSDCU P01	DBMA 25P	557-E-113	HSDPU P07	DBMA 25S	557-102 (*1)	Nominal	2	6	30	34,2		2000	2120	2
W2	HSDCU P02	DBMA 25P	557-E-113	HSDPU P10	DBMA 25S	557-103 (*1)	Redundant	2	6	30	34,2		2000	2093	2
W3	HSFCU P03	DBMA 25P	557-E-113	HSDPU P09	DBMA 25S	557-102 (*1)	Nominal	2	6	30	34,2		2000	817	2
W4	HSFCU P04	DBMA 25P	557-E-113	HSDPU P12	DBMA 25S	557-103 (*1)	Redondant	2	6	30	34,2		2000	806	2
W5	HSFCU P01	DBMA 25P	557-E-113	HSDPU P08	DBMA 25S	557-102 (*1)	Nominal	2	6	30	34,2		2000	1037	2
W6	HSFCU P02	DBMA 25P	557-E-113	HSDPU P11	DBMA 25S	557-103 (*1)	Redundant	2	6	30	34,2		2000	1028	2
W7	HSDCU P03	DBMA 25S	557-102 (*2)	HSFCU P07	DBMA 25P	550-E-039	Nominal	1	8	40	136,29		2000	913	1
W8	HSDCU P04	DBMA 25S	557-102 (*2)	HSFCU P08	DBMA 25P	550-E-039	Redundant	1	8	40	136,29		2000	825	1

Note : These lengths are CATIA extracted and therefore theoretical values. It is recommended to perform harness production activities on JIG.
Lengths are measured from connector front face to connector front face.

(*1) In CATIA model bck type 557-B-113 is represented which is interchangeable with both bck types 557-102 and 557-103.

(*2) In contradiction with document SPIRE-RAL-PRJ-000608 iss.: 1.0 we have chosen to use 557-102 (*1) (45° entry bck) instead of 557-E-039 (end entry bck) for routing reasons.

(*3) This table indicates the sequence in which the different cables must be integrated.

WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

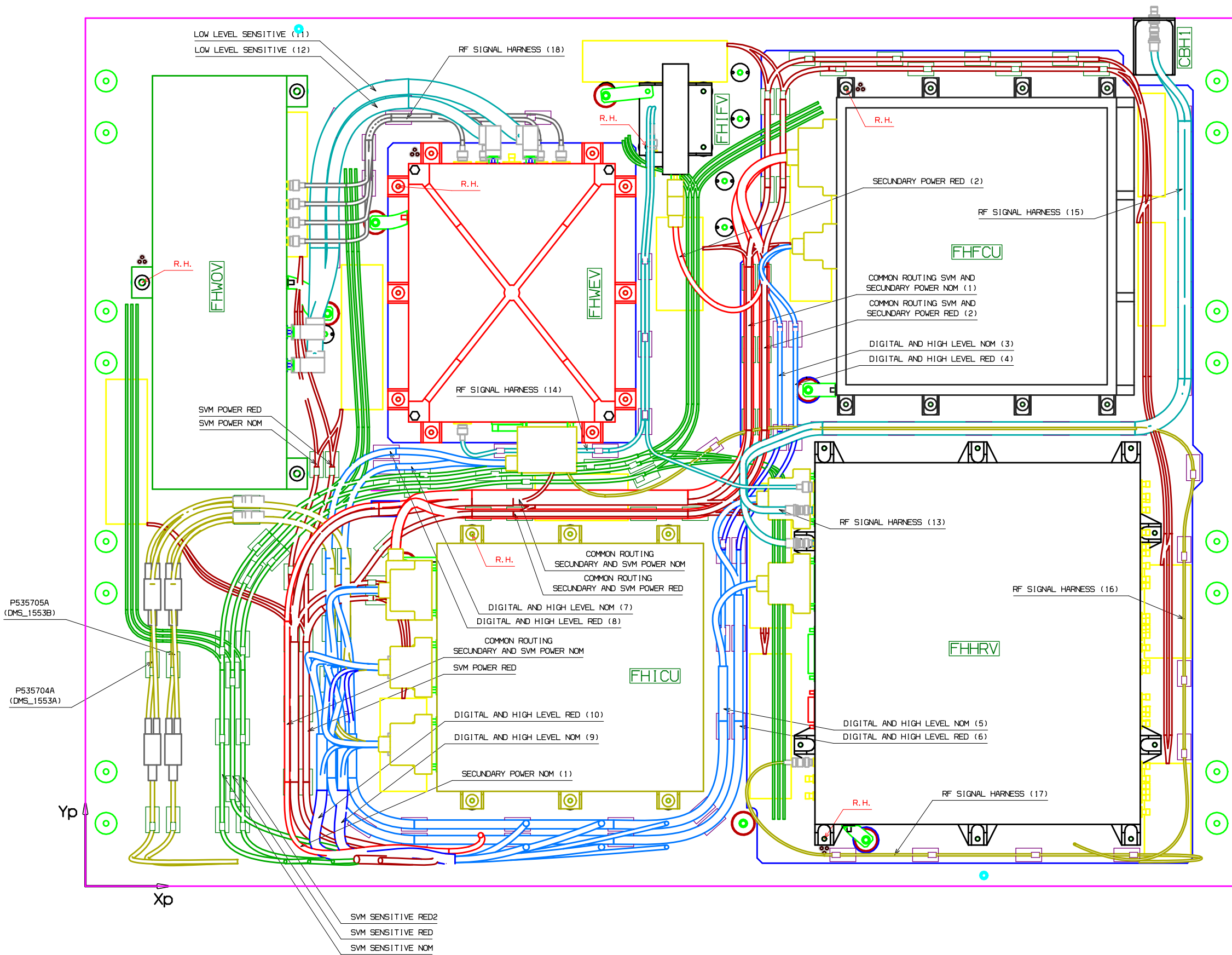
DATE : 15/05/2006

Issue : 2.0 Page : 44/303

Annex #3: HIFI Harness:

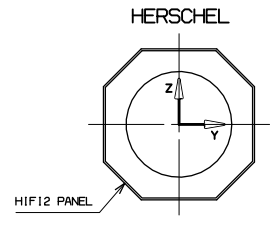
- Installation drawings AD6-3
- Installation drawings AD6-4
- Installation drawings AD6-5
- Description reports AD7-3

ORTHOGONAL VIEW FROM INSIDE S/C

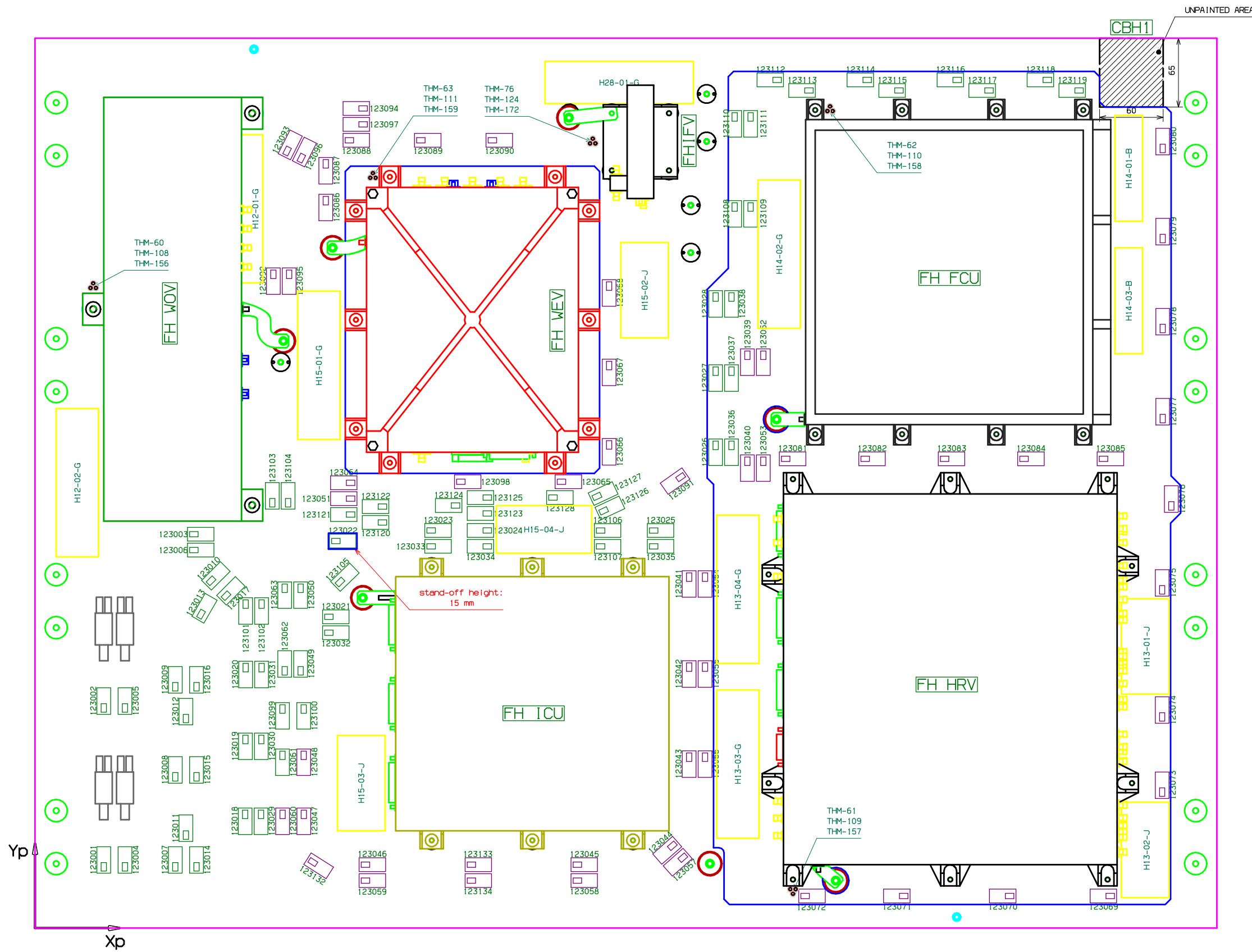


- NOTE: (1) Bundl id.: PWR-1 *
 (2) Bundl id.: PWR-3 *
 (3) Bundl id.: DIG-1 *
 (4) Bundl id.: DIG-2 *
 (5) Bundl id.: DIG-1/DIG-11 *
 (6) Bundl id.: DIG-2/DIG-12 *
 (7) Bundl id.: DIG-7 *
 (8) Bundl id.: DIG-8 *
 (9) Bundl id.: DIG-3a/DIG-5a/DIG-9a *
 (10) Bundl id.: DIG-4a/DIG-6a/DIG-10a *
 (11) Bundl id.: ANL-5 *
 (12) Bundl id.: ANL-6 *
 (13) Bundl id.: RF-2 *
 (14) Bundl id.: RF-4 *
 (15) Bundl id.: RF-9c/RF-10c *
 (16) Bundl id.: RF-8c *
 (17) Bundl id.: RF-6c *
 (18) Bundl id.: RF-15/RF-16/RF-17/RF-18 *
 * In reference with H-P-4-NXH-PR-0020 Iss. A2

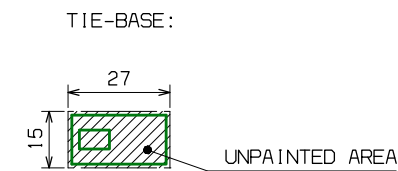
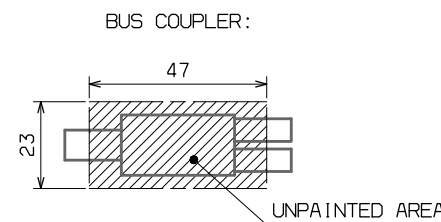
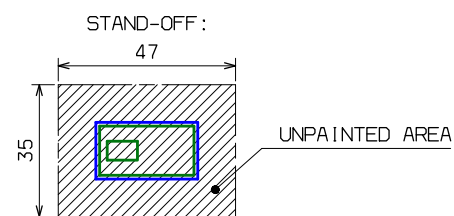
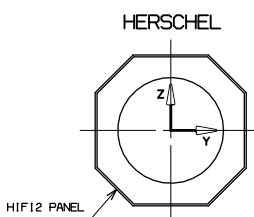
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Rev.	Date	Scale	Format	Sht	
B2	21/01/05	N/A	A1	1/4	
			Title SVM HIF12 INSTRUMENT PANEL ASSY DWG N° HP-NXH-DW-1023		



ORTHOGONAL VIEW FROM INSIDE S/C

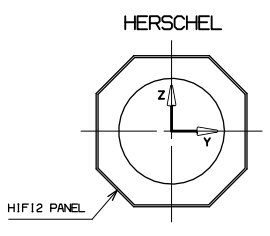
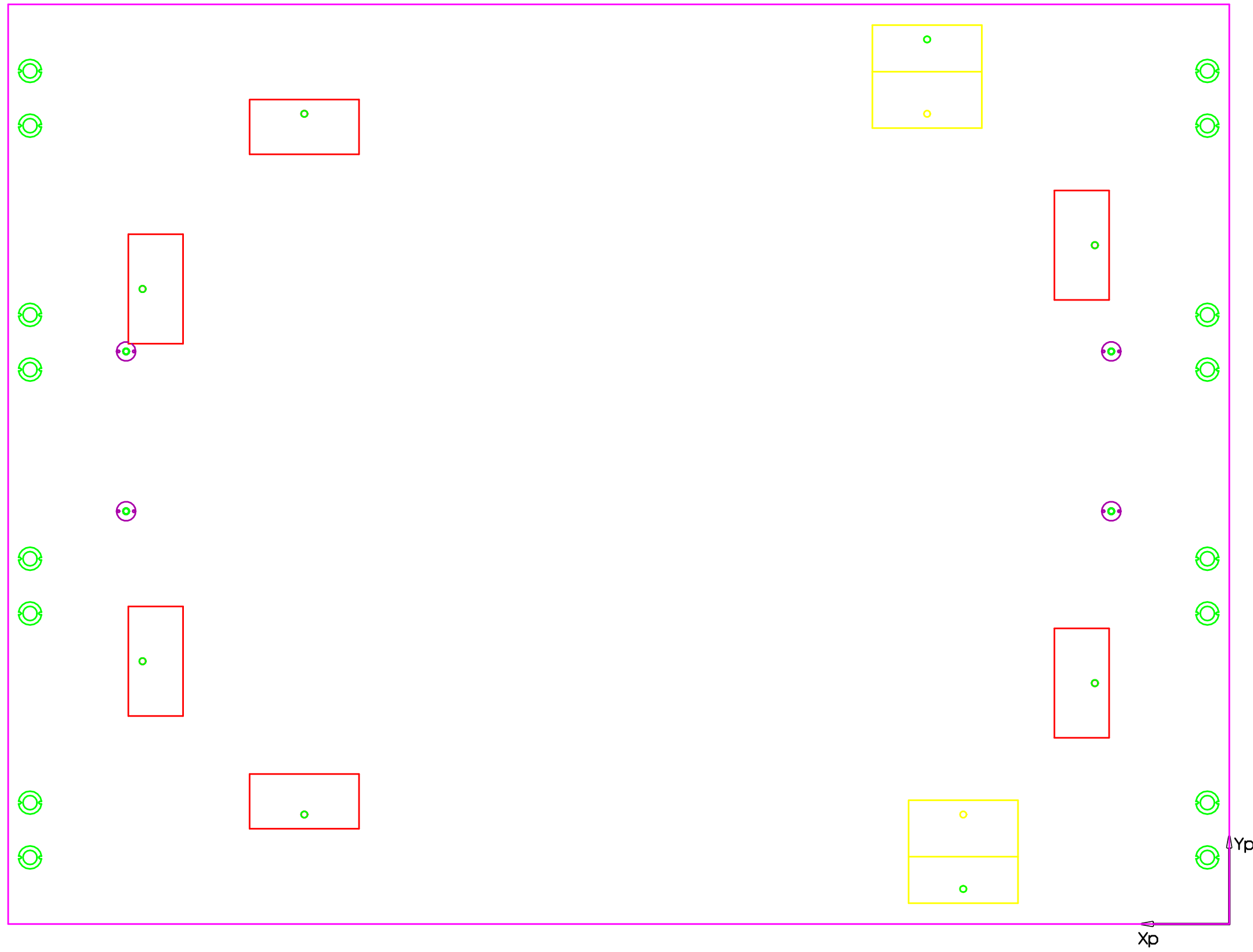


Note: - Tie-base used : TC-105
 - Stand-off used : - Stand-off-HP-01-XX-XX-KT (height upto 20mm)
 - Stand-off used : - Stand-off-HP-02-XX-XX-KT (height from 25mm)
 - NXH Bracket used: H-P-4-KTH-L1-390000-012

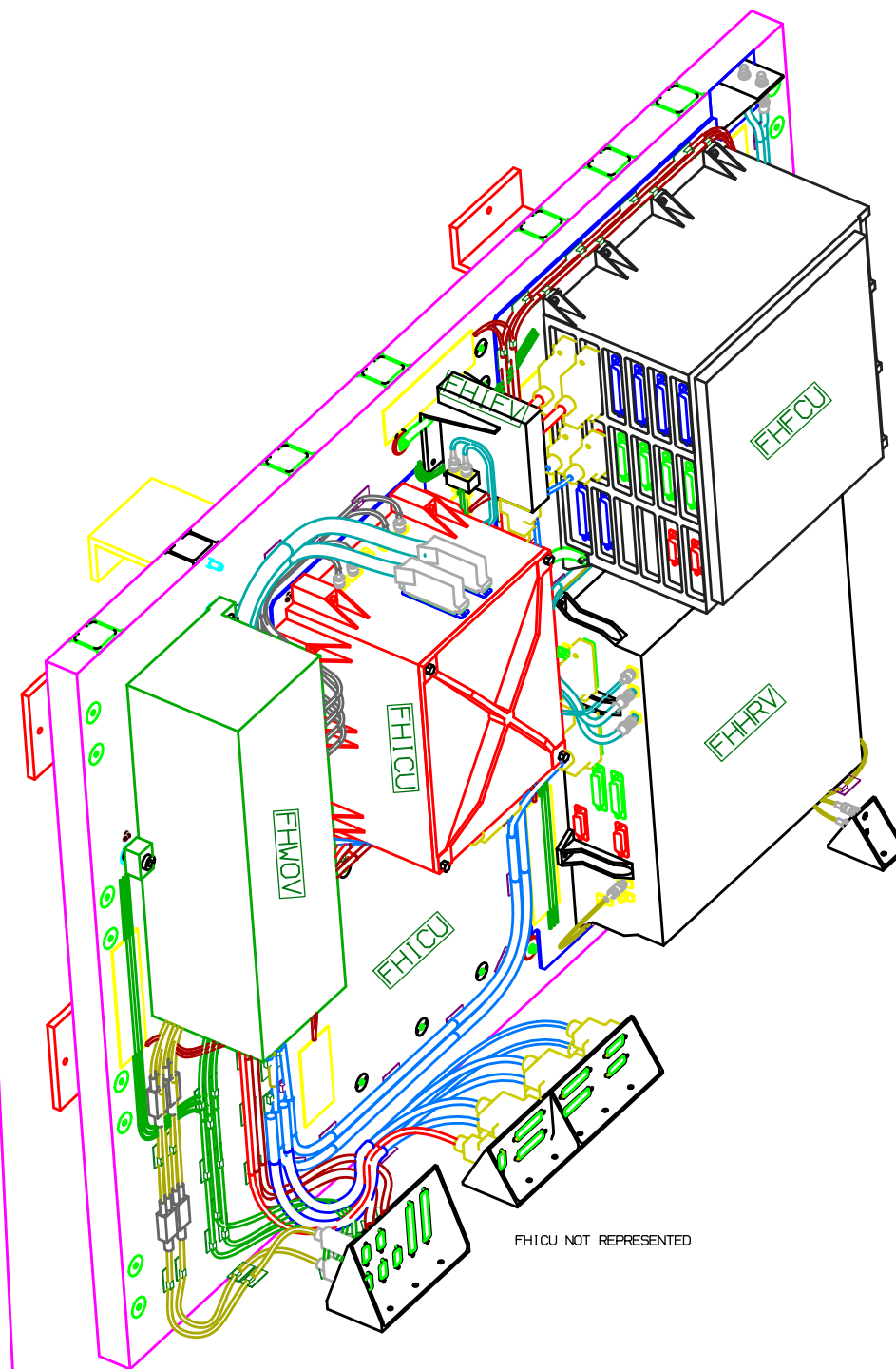
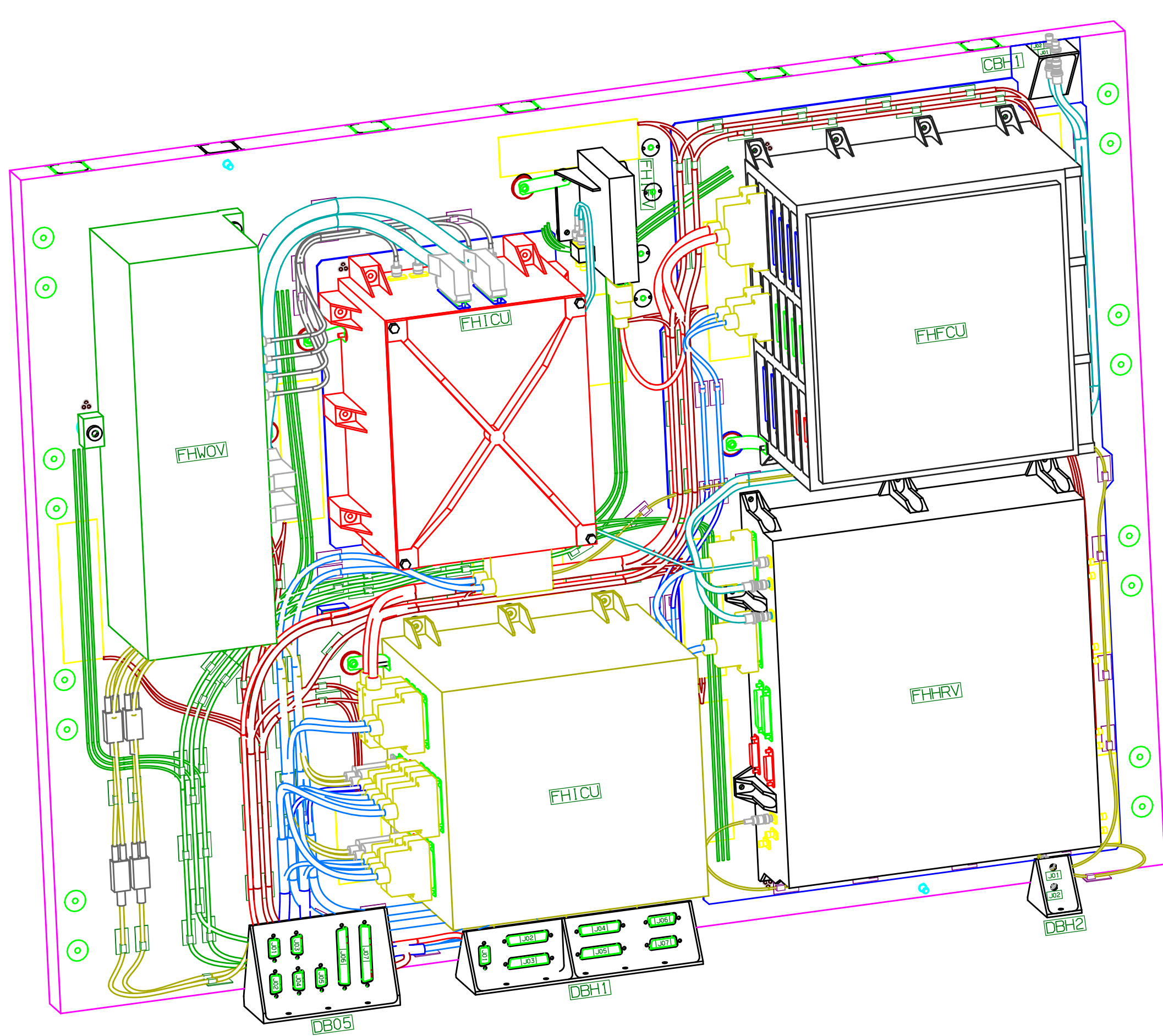


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DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	QUALITY					
N/A	VERVL IET J.	PLETINCKX K.	--	--					
Rev.	B2	Date	21/01/05	Scale	N/A	Format	A1	Sht	2/4
		Title SVM HIF12 INSTRUMENT PANEL ASSY DWG N° HP-NXH-DW-1023							

ORTHOGONAL VIEW FROM OUTSIDE S/C

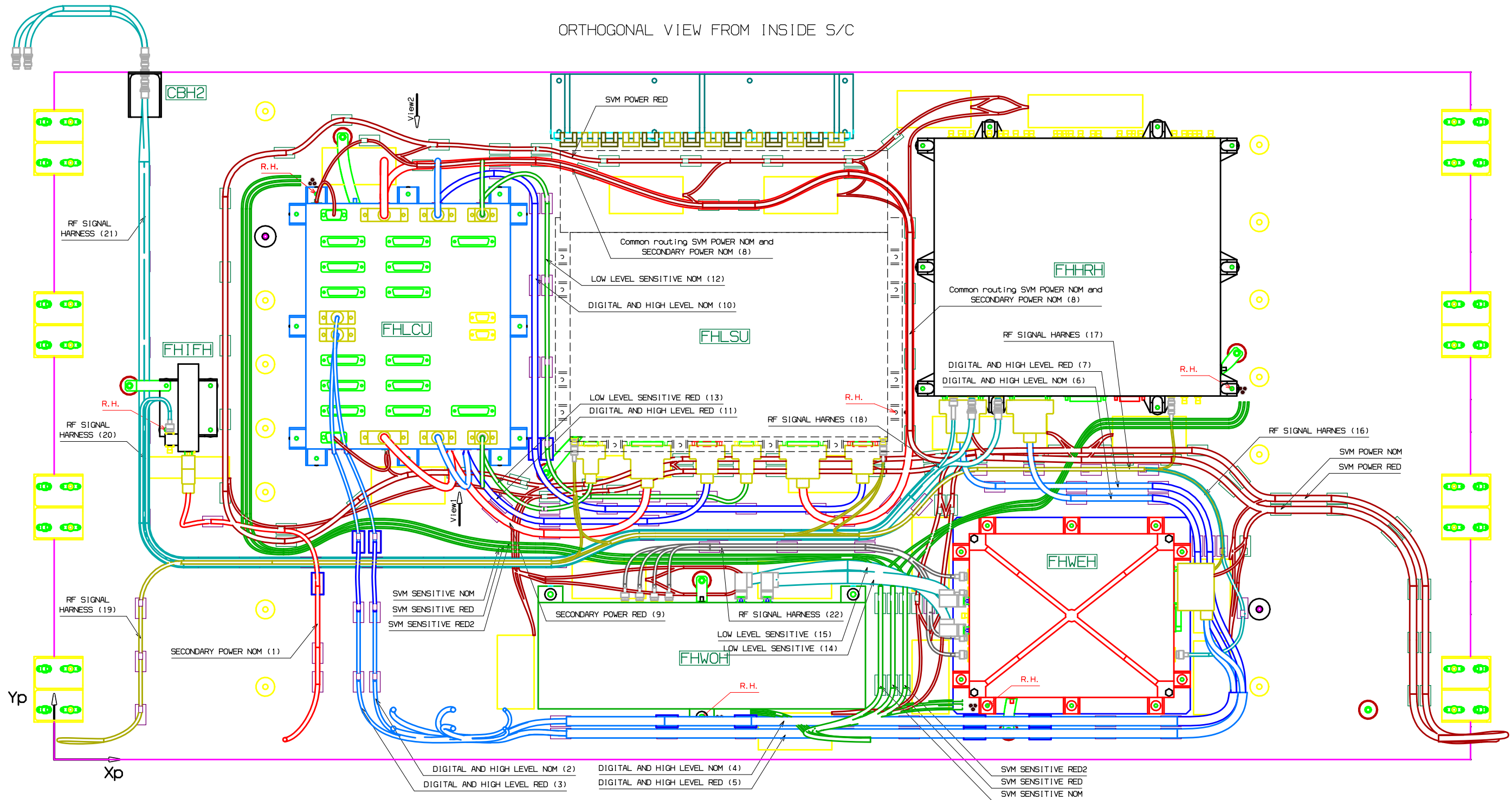


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Rev.	Date	Scale	Format	Snt	
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			DWG N° HP-NXH-DW-1023		

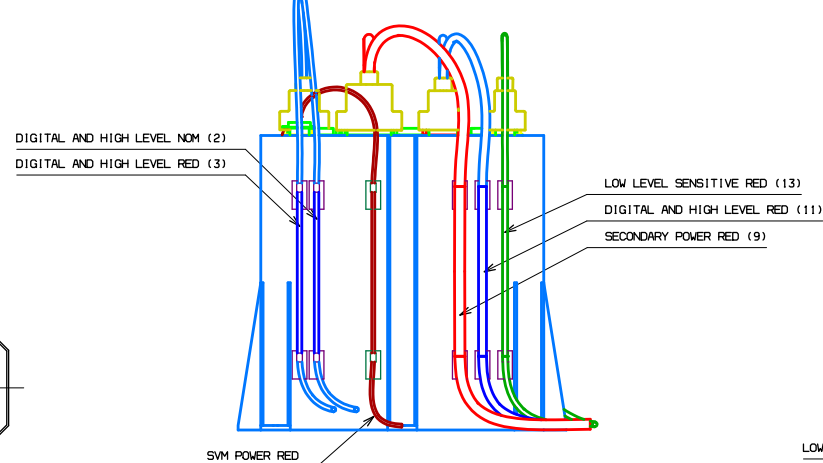


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Rev.	B2	Date	21/01/05	Scale	N/A
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			DWG N° HP-NXH-DW-1023		

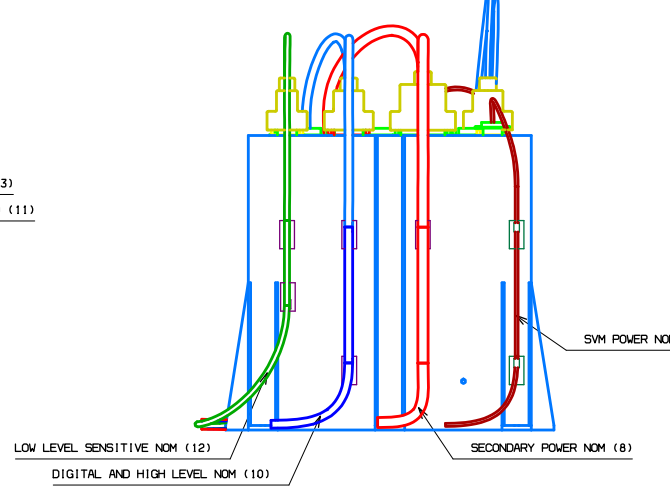
ORTHOGONAL VIEW FROM INSIDE S/C



FHLCU View1

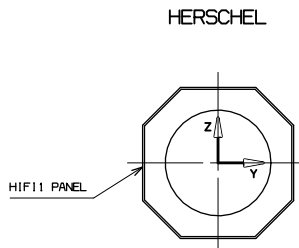


FHLCU View2

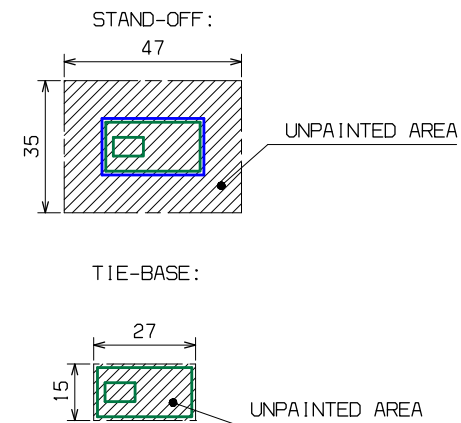
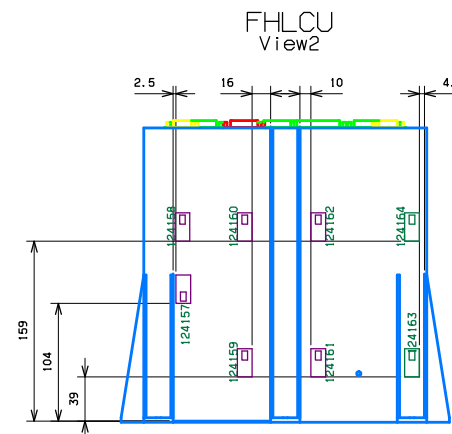
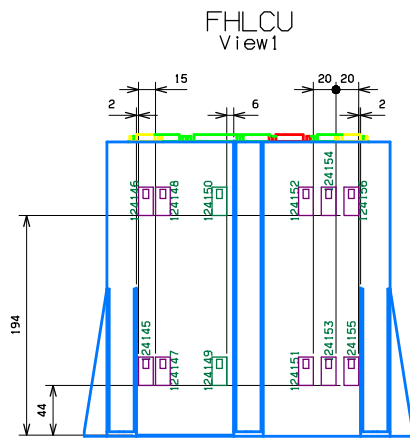
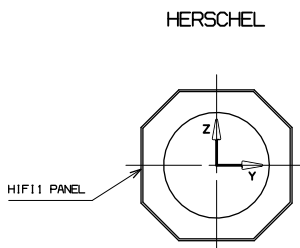
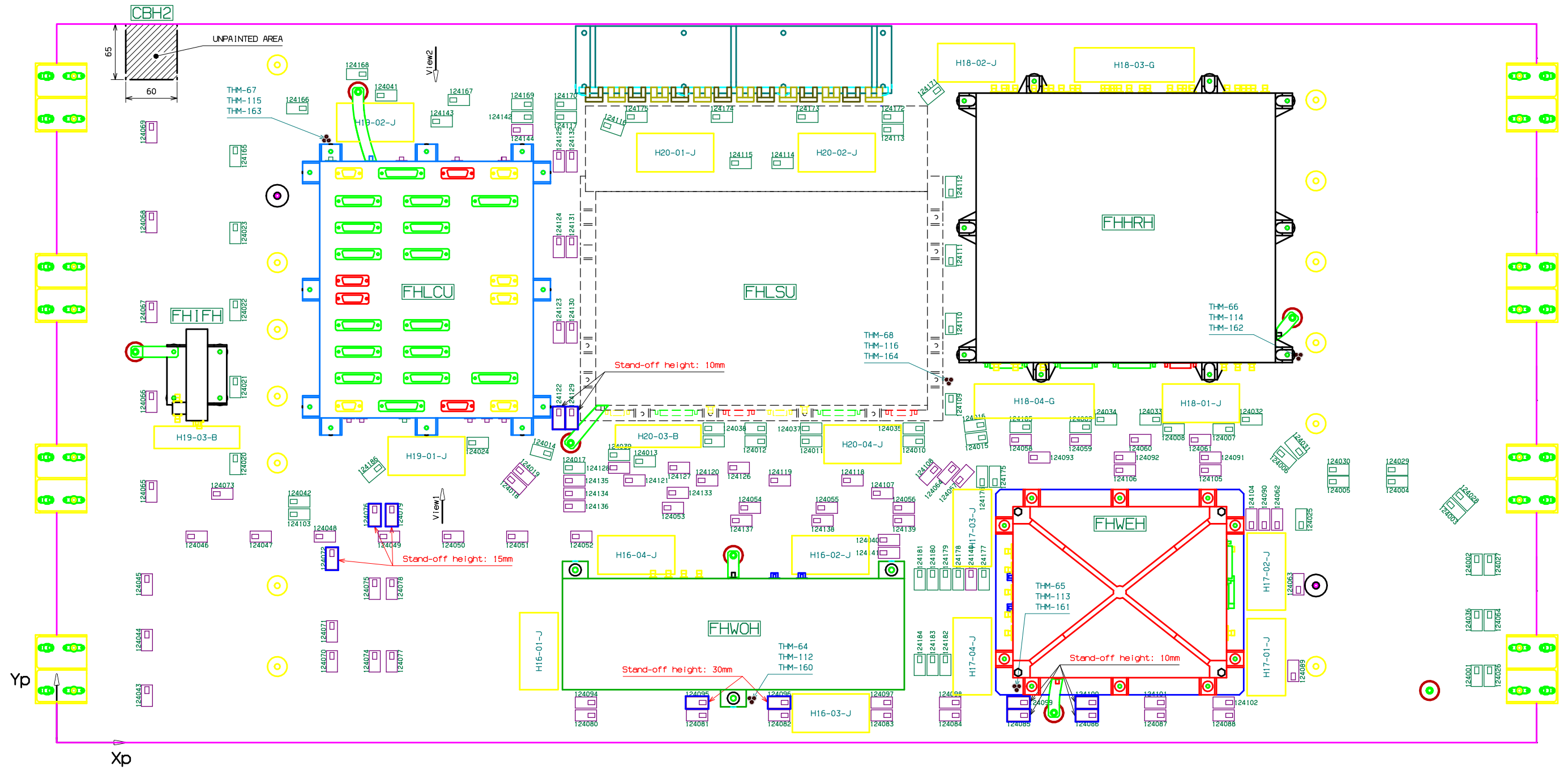


- NOTE: (1) Bundle id.: PWR-2b *
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 (4) Bundle id.: DIG-5c/DIG-9c *
 (5) Bundle id.: DIG-6c/DIG-10c *
 (6) Bundle id.: DIG-9c *
 (7) Bundle id.: DIG-10c *
 (8) Bundle id.: PWR-4 *
 (9) Bundle id.: PWR-5 *
 (10) Bundle id.: DIG-13 *
 (11) Bundle id.: DIG-14 *
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 (13) Bundle id.: ANL-2 *
 (14) Bundle id.: ANL-3 *
 (15) Bundle id.: ANL-4 *
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 (18) Bundle id.: RF-1/RF-9a/RF-10c *
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 (21) Bundle id.: RF-9a/RF-10c *
 (22) Bundle id.: RF-11/RF-12/RF-13/RF-14 *
 * In reference with H-P-4-NXH-RP-0020 Iss. A2

REV.	DATE	BY	MODIFICATION	APPROVAL	
DESIGNED BY		DRAWN BY	CHECKED BY	APPROVED BY	QUALITY
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Rev.	B2	Date	21/01/05	Scale	N/A
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				Sht	1/4
				Title	
				SVM HIFI1 INSTRUMENT PANEL ASSY	
				DWG N°	
				HP-NXH-DW-1024	



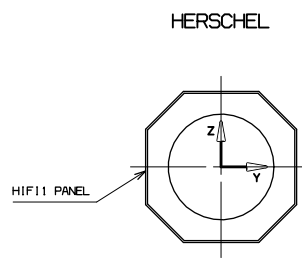
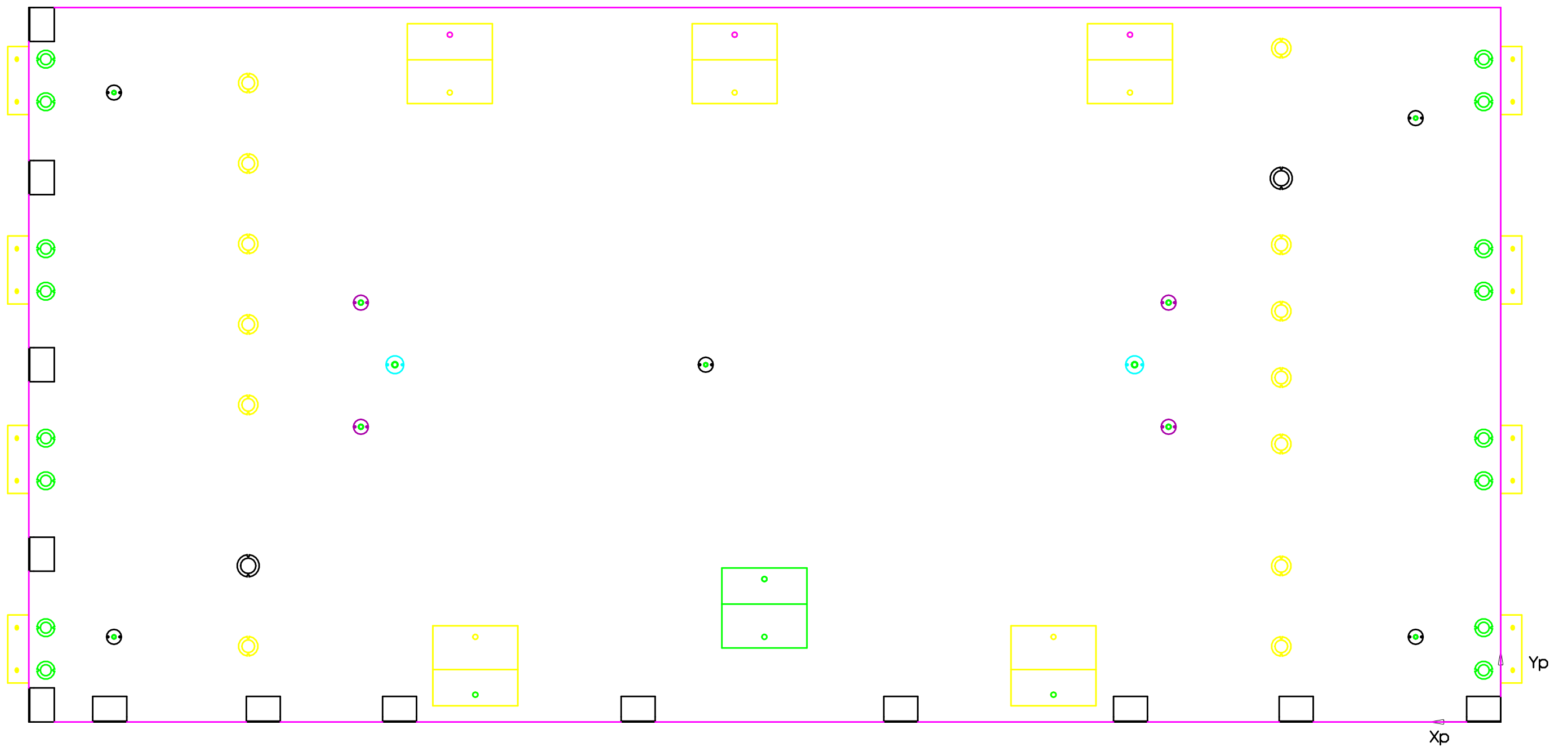
ORTHOGONAL VIEW FROM INSIDE S/C



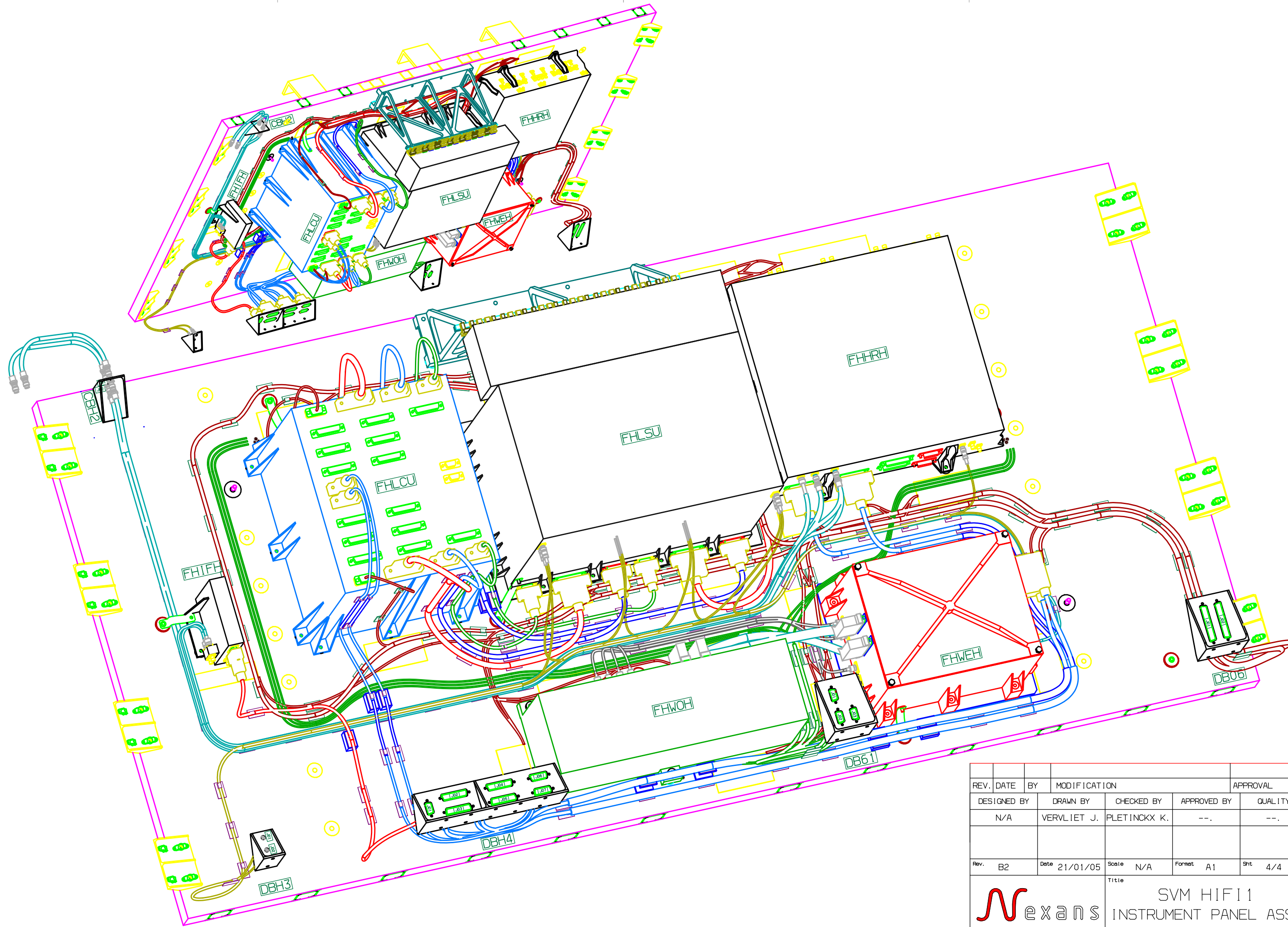
Note: - Tie-base used : TC-105
 - Stand-off used : - Stand-off-HP-01-XX-XX-KT (height upto 20mm)
 - Stand-off-HP-02-XX-XX-KT (height from 25mm)
 - NXH Bracket used: H-P-4-KTH-L1-390000-012


REV.	DATE	BY	MODIFICATION	APPROVAL
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	QUALITY
N/A	VERVL IET J.	PLETINCKX K.	--	--
Rev. B2	Date 21/01/05	Scale N/A	Format A1	Sht 2/4
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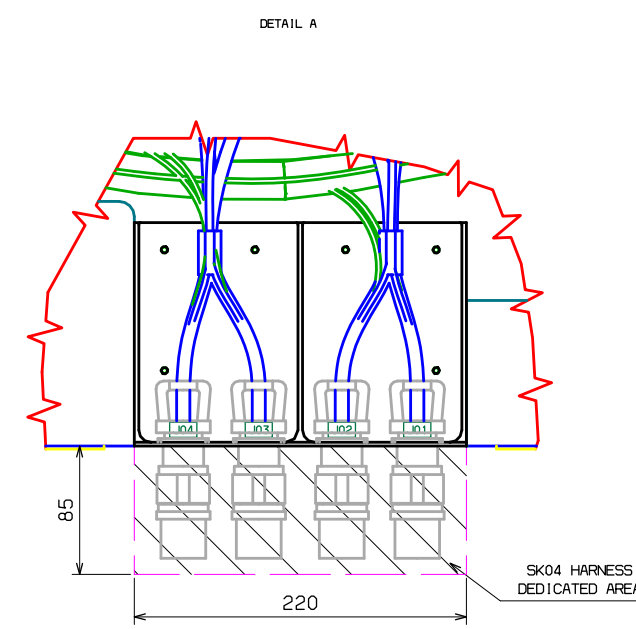
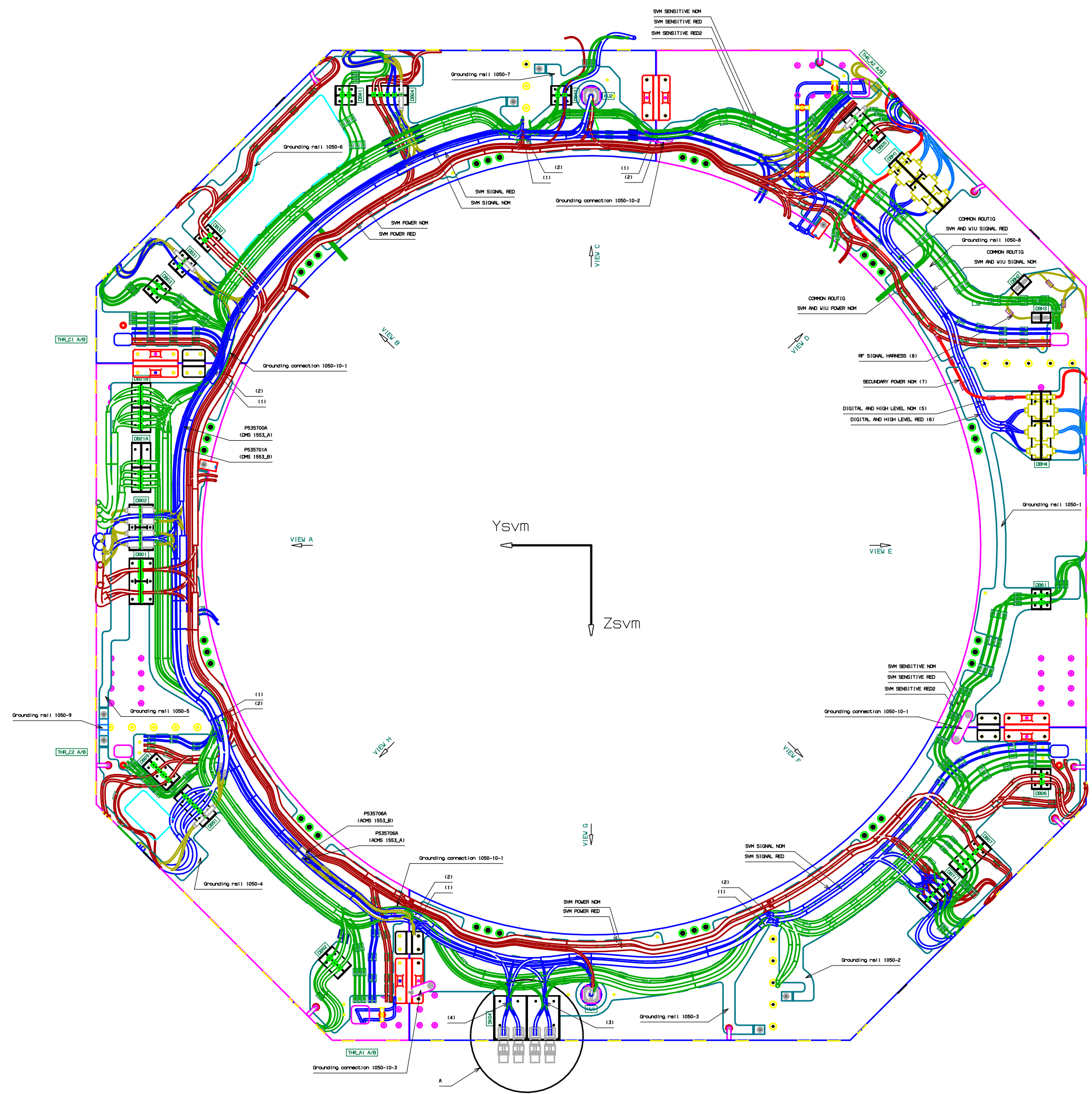
ORTHOGONAL VIEW FROM OUTSIDE S/C



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Rev.	Date	Scale	Format	Snt	
B2	21/01/05	N/A	A1	3/4	
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			SVM HIFI1 INSTRUMENT PANEL ASSY		
			DWG N°		
			HP-NXH-DW-1024		

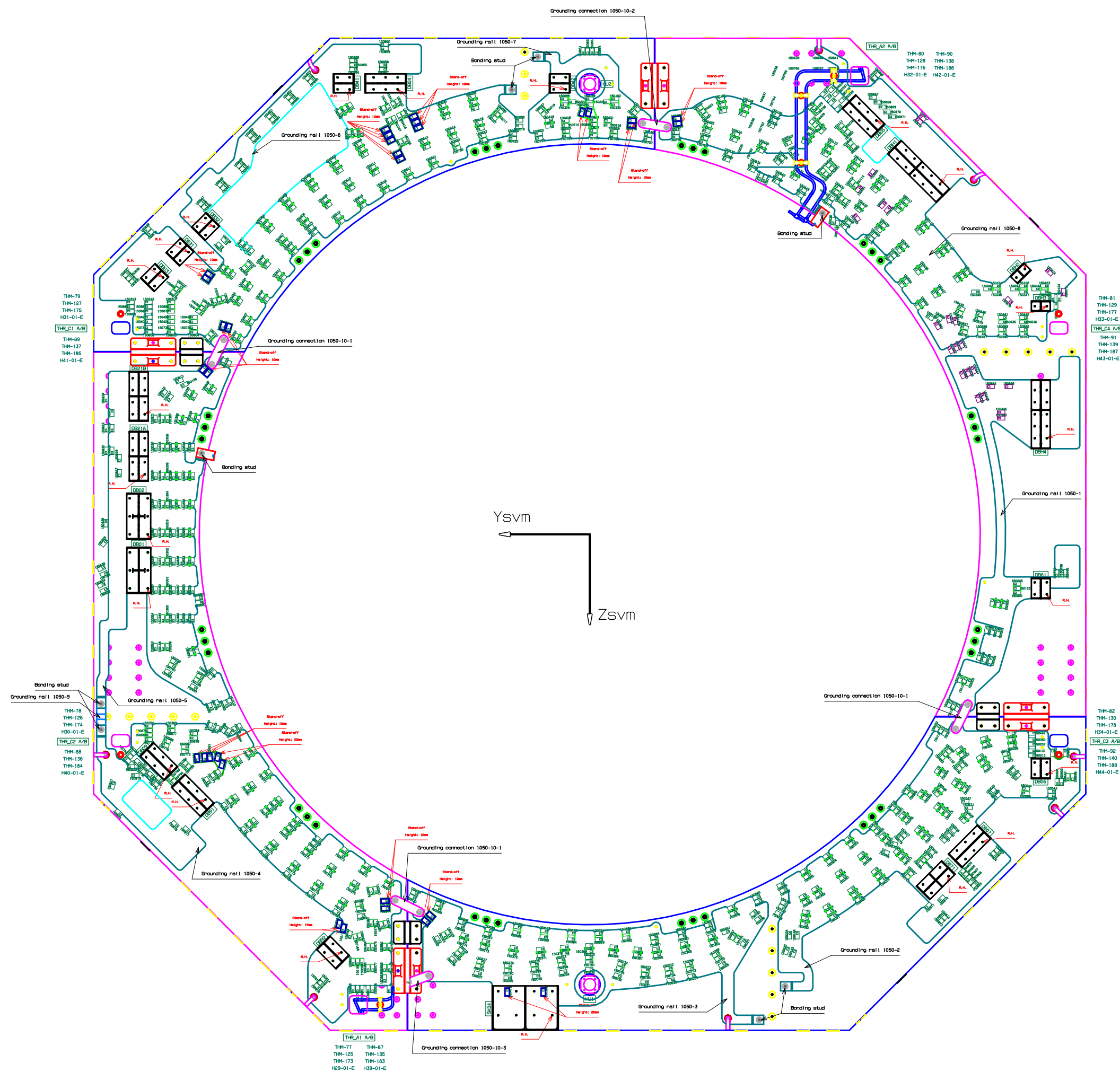


REV.	DATE	BY	MODIFICATION	APPROVAL	
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	QUALITY	
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Rev.	B2	Date	21/01/05	Scale	N/A
		Format	A1	Sht	4/4
			Title SVM HIFI1 INSTRUMENT PANEL ASSY		
			DWG N° HP-NXH-DW-1024		



NOTE: (1) Common routing SVM Signal Nom and Sensitive Nom.
 (2) Common routing SVM Signal RED, Sensitive Red and Sensitive Red2
 (3) Common routing SVM Signal Nom and Red, Sensitive Nom
 (4) Common routing SVM Signal Nom and Red, Sensitive Red
 (5) Bundle id.: DIG-3b/DIG-5b/DIG-9b *
 (6) Bundle id.: DIG-4b/DIG-6b/DIG-10b *
 (7) Bundle id.: PWR-2a *
 (8) Bundle id.: RF-6b/RF-8b *
 * In reference with H-P-4-NXH-RP-0020 Iss. A2

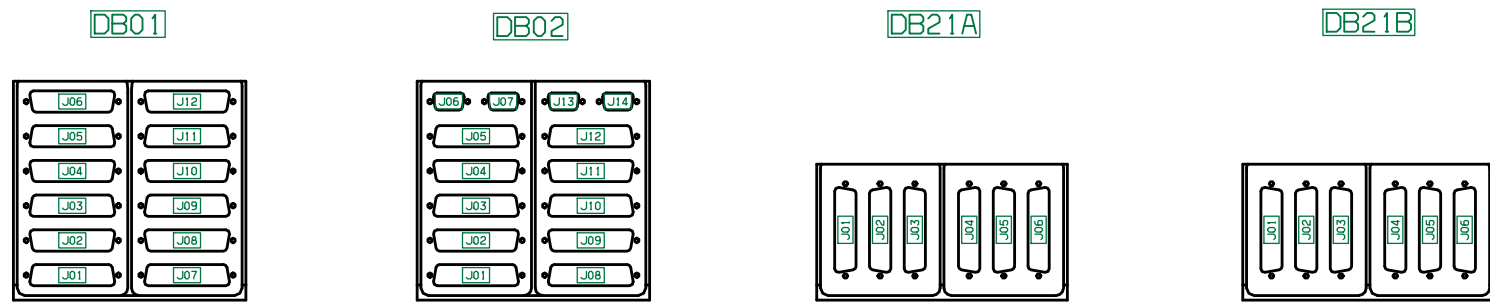
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Rev.	B2	Date	21/01/05	Scale	N/A
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				Sht	1/4
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				SVM LOWER FLOOR INSTRUMENT PANEL ASSY	
				DWG N°	
				HP-NXH-DW-1050	



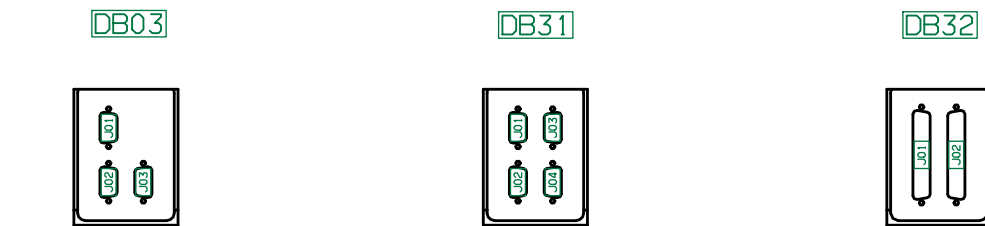
- Note:
- Tie-base used : TC-105
 - Stand-off used : - Stand-off-HP-01-XX-XX-KT (height upto 20mm)
- Stand-off-HP-02-XX-XX-KT (height from 25mm)
 - NXH Bracket used : H-P-4-KTH-L1-390000-012
 - Grounding rail used : H-P-4-KTH-L1-390000-020
 - Bonding stud used : Grounding-Rail-HP-00-01-XX-KT

REV.	DATE	BY	MODIFICATION	APPROVAL	
DESIGNED BY		DRAWN BY	CHECKED BY	APPROVED BY	QUALITY
N/A		VERVL IET J.	PLETINCKX K.	--	--
Rev.	B2	Date	21/01/05	Scale	N/A
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				DWG N°	
				HP-NXH-DW-1050	

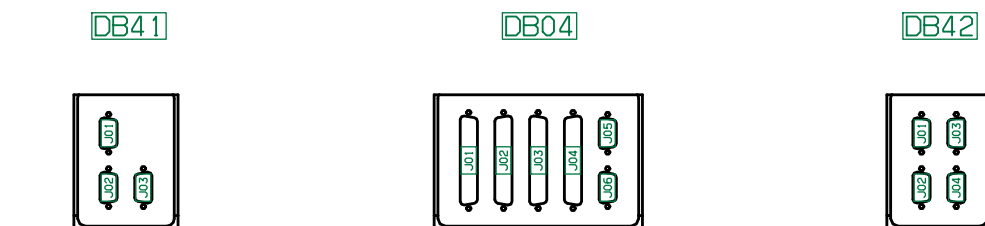
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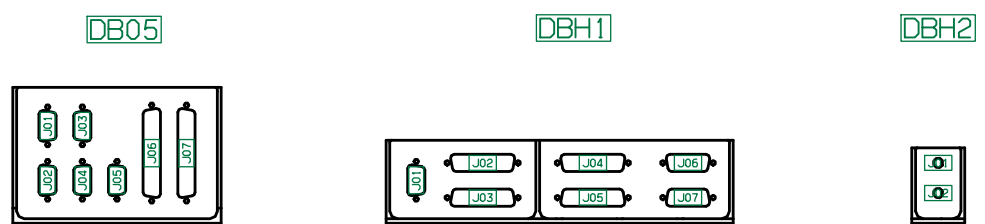
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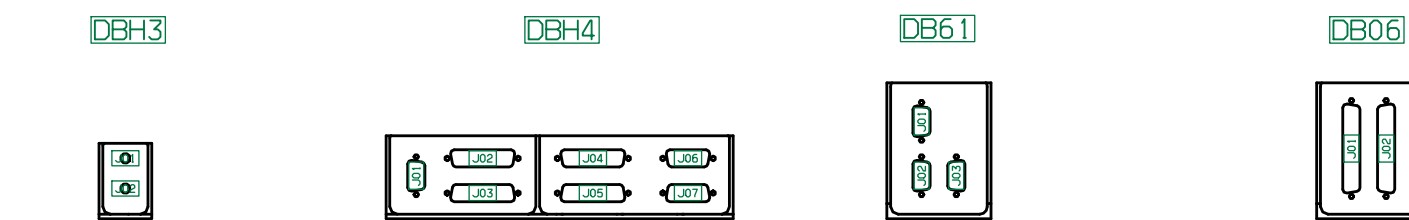
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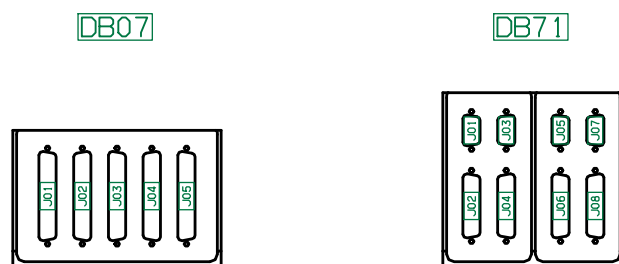
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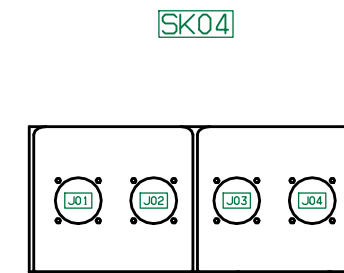
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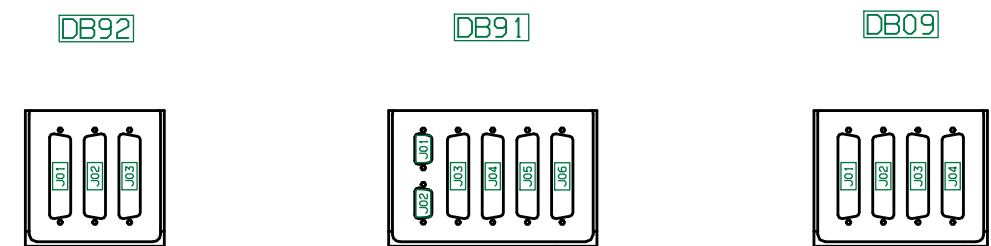
VIEW F



VIEW G

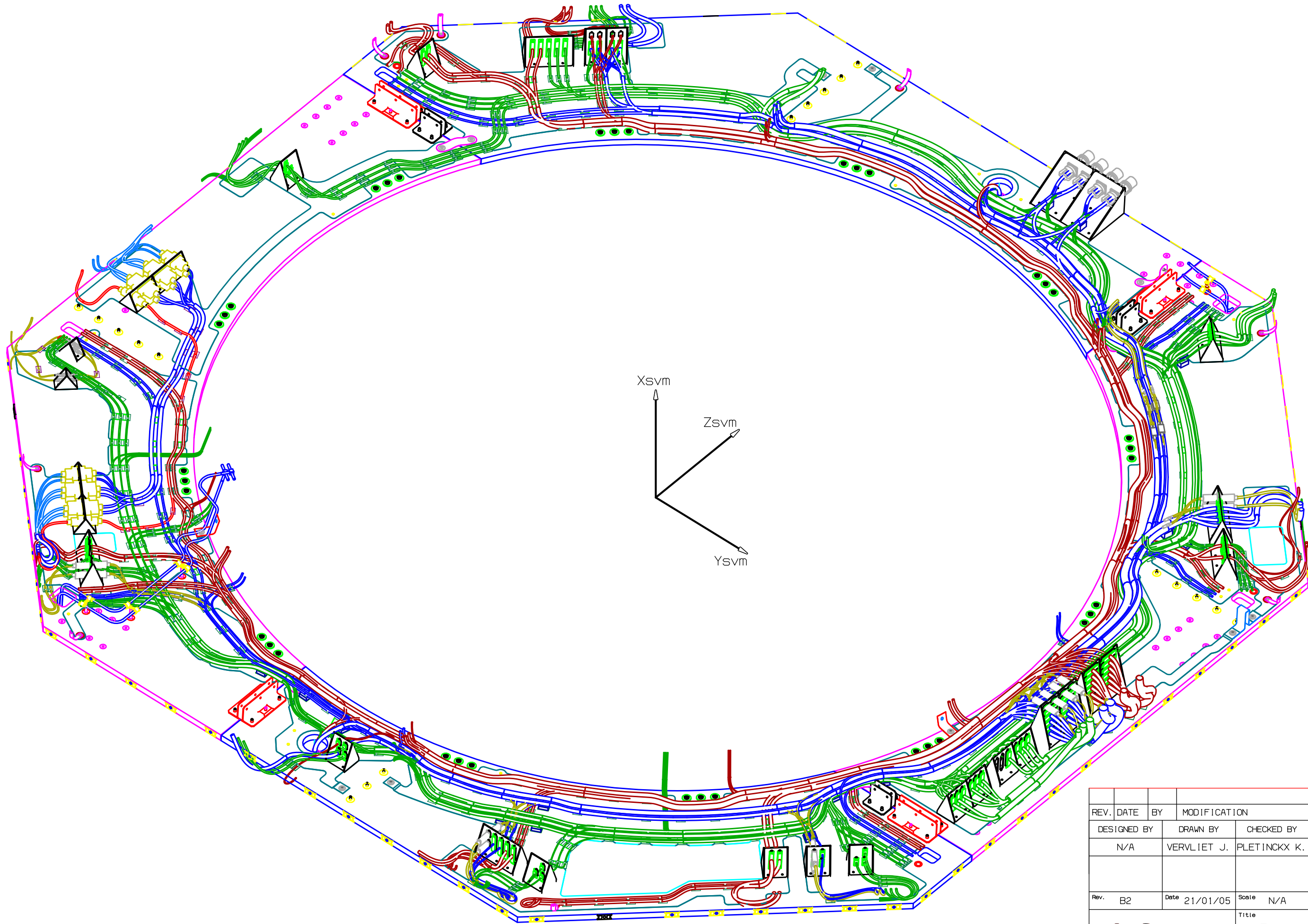



VIEW H



Note: - NXH Bracket used: H-P-4-KTH-L1-390000-012

REV.	DATE	BY	MODIFICATION	APPROVAL	
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	QUALITY	
N/A	VERVL IET J.	PLETINCKX K.	--	--	
Rev.	Date	Scale	Format	Snt	
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			DWG N° HP-NXH-DW-1050		



REV.	DATE	BY	MODIFICATION	APPROVAL	
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	QUALITY	
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Rev.	Date	Scale	Format	Sht	
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			DWG N° HP-NXH-DW-1050		

DOCUMENT COMPOSITION

Pages	Annexes	Others
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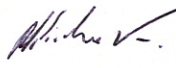
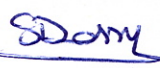


DOCUMENT IDENTIFICATION

Project	: Herschel – Planck		
N° Project	: 1680		
N° Contract	:		
Material	: Herschel-Planck SVM Harness		
Doc. Reference	: H-P-4-NXH-RP-0020	A2	
Date	: 04-05-04		

TITLE

<h1>H-P WU HIFI Harness</h1> <p>This document contains updates made by B. Marchand (09/06/04)</p>

Written by	Function	Date	Signature
Johan Vervliet	Engineering	04-05-04	
Checked by			
Ken Pletinckx	Project Engineer	06.05.04	
Approved by			
Stéphane Dassy	Project Manager	06-05-04	

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DISTRIBUTION LIST

Company	Department	Distr.	Addressee
Nexans Harnesses	Project Management	X	Stéphane Dassy
	Quality		Abdessamad Laalimi
	Production		Denis Cammaert
	Method		Sven Storms
	Logistic		François Didden
	Engineering		Ken Pletinckx
	Sales & Contract		Eric Leurquin
ALENIA SPA	Technical Responsible	X	Bottaro Giovanni
	Programatics Responsible	X	Silvestri Renato
ALCATEL SPACE	Technical Responsible	X	Baptiste Marchand
	Programatics Responsible	X	Gian Maria Canaparo

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DOCUMENT CHANGE RECORD

Issue	Date	Reasons of change	Signature
A0	20-10-03	Document Creation	
A1	15-04-04	General update	
A2	04-05-04	Modification lengths and drawing revisions	

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1 Scope

The purpose of this document is to provide a description of the HIFI WU harness of the Herschel S/C.

2 Introduction

On the HIFI1 panel are located the part of the WU belonging to the HIFI Experiment(LCU, LSU, HRH, WEH, WHO and the 3dB coupler), the other WU are located on the HIFI2 panel (ICU,HRV,FCU,WEV,WOV and the 3dB coupler).

The HIFI Panels harness is configured taking into account the different interconnection requirements of the experiment and harness design responsibility. The harness is split into 3 different main groups:

1. SVM Harness
2. Instrument WU Harness
3. Cryo Harness

The instrument WU Harness is defined taking into account the harness data provided by Instruments as well as SVM and CRYO Harness Design in order to verify the relevant accomodation in the SVM configuration.

Due to the interconnections between the WU located on the two panels, 6 dedicated connector brackets (DBH-, CBH-) are foreseen to route the harnesses.

- DBH1 on Lower Platform to distribute Power and Signal Harnesses
- DBH2 on Lower Platform to distribute Flex Coax Links
- DBH3 on Lower Platform to distribute Flex Coax Links
- DBH4 on Lower Platform to distribute Power and Signal Harnesses
- CBH1 on Panel to distribute Semirigid Coax Links
- CBH2 on Panel to distribute Semirigid Coax Links

Additional details/drawings on the harness accomodation are reported in this document.

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3 Applicable Documents

3.1 Applicable documents

Number	Issue	Title
H-P-1-ASPI-SP-0027	4.2	General Design Interface Requirement Specification
H-P-1-ASPI-SP-0042	4.0	SVM Interface Specification
H-P-RP-AI-0025	1.0	SVM Harness Configuration and Design Description

3.2 ALS Baseline Documents

Number	Issue	Title
H-P-IC-AI-0001	04	Herschel/Planck SVM MICD
H-P-LI-AI-0022	05	List of HP SVM 3D CAD models
SCI-PT-IIDB/HIFI-02125	02	/
H-P-ASP-CR-0420	NA	Impact resulting from HIFI Change Request : HP-HIFI-CR-0076 v2
HP-HIFI-CR-0095 v1		Warm harness documentation up-date

3.3 CATIA Harness Directory Status : HIFI

ALS Part Nr.	Rev.	Description	Resp.	Date
HP-111301-24-1	C	-Y LATERAL PANEL HRN ELT ASSY (HIFI#1)	HRN_	03.05.04
HP-111302-24-1	B	-Y LATERAL PANEL HRN MECH ASSY (HIFI#1)	HRN_	02.04.04
HP-392001-24-1	E	-Y LATERAL PANEL HRN ELT ASSY (HIFI#1)	HRN_	03.05.04
HP-392001-24-1	N/A	-Y LATERAL PANEL HRN MECH ASSY (HIFI#1)	HRN_	N/A
HP-111301-23-1	C	-Y-Z LATERAL PANEL HRN ELT ASSY (HIFI#2)	HRN_	03.05.04
HP-111302-23-1	B	-Y-Z LATERAL PANEL HRN MECH ASSY (HIFI#2)	HRN_	02.04.04
HP-392001-23-1	E	-Y-Z LATERAL PANEL HRN ELT ASSY (HIFI#2)	HRN_	03.05.04
HP-392002-23-1	A	-Y-Z LATERAL PANEL HRN MECH ASSY (HIFI#2)	HRN_	07.11.03
HP-111301-50-1	B	LOWER CLOSURE PANEL HRN ELT ASSY	HRN_	02.04.04
HP-111302-50-1	B	LOWER CLOSURE PANEL HRN MECH ASSY	HRN_	02.04.04
HP-392001-50-1	D	LOWER CLOSURE PANEL HRN ELT ASSY	HRN_	03.05.04
HP-392002-50-1	D	LOWER CLOSURE PANEL HRN MECH ASSY	HRN_	02.04.04

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4 Document Organisation

4.1 General Information : Drawings

Every Drawing contains all relevant information with reference to the H-P HIFI Harness derived from the MICD (Mech. Interface Control Doc.) and the other data provided by instruments, such as :

Power, Signal and Sensitive Routing
 Nominal & Redundant routing
 Mil Bus lay-out
 WIU Harness lay-out
 Mechanical Items lay-out
 Mechanical Items identification

Colour codes used are

colour	Class	Comment
Colour 30 (Dark Red)	1-/POWER	SVM Primary Power
Colour 04 (Light Blue)	2-/SIGNAL	SVM Signal
Colour 45 (Dark Green)	4-/SENS	SVM Sensitive Harness
Colour 75 (Dark Yellow)	2-/Signal	Mil Bus Harness
Colour 02 (Light Red)	1-/PWR	WIH Secondary Power
Colour 120 (Dark Blue)	2-/Signal	WIH Secondary Signal
Colour 105 (Marine blue)	3-/ANL	WIH Analogue
Colour 11 (Dark Grey)	4-/DIG	WIH Rigid Coax
Colour 75 (Dark Yellow)	4-/DIG	WIH Flex Coax
Colour 111 (Dark Green)	N/A	Tie-base
Colour 05 (Yellow)	N/A	For Information Only

4.2 2D Drawing Numbering System

Each 2D Drawing is identified by H-P-NXH-DW-XXXX

Part	Field
H-P	Herschel-Planck
NXH	Nexans Harnesses
DW	Drawing
X (first of XXXX)	1 for Herschel 2 for Planck
X (second of XXXX)	0 for General Panel Information 1 for Power (Nom and Red) 2 for Signal (Nom and Red) 4 for Sensitive (Nom/Red/Red2) 9 for MIL BUS (DMS/ACMS-NOM/RED)
XX (last two of XXXX)	00 General Structure XX Panel number in ref. with H-P-LI-AI-0022 iss.5

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4.3 2D JIG Numbering System

Each 2D JIG Drawing is identified by H-P-NXH-DR-XXXX

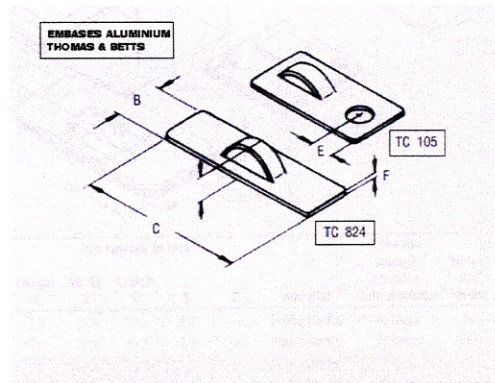
Part	Field
H-P	Herschel-Planck
NXH	Nexans Harnesses
DR	Drawing
X (first of XXXX)	1 for Herschel 2 for Planck
X (second of XXXX)	0 for General Panel Information 1 for Power (Nom and Red) 2 for Signal (Nom and Red) 4 for Sensitive (Nom/Red/Red2) 9 for MIL BUS (DMS/ACMS-NOM/RED)
XX (last two of XXXX)	00 General Structure XX Panel number in ref. with H-P-LI-AI-0022 iss.5

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5 Harness Fixing

5.1 Tie-bases

The position of the tie-bases has been designed to meet the requirement to fix the harness bundles on the structure every 100mm maximum. Tiebase type used is TC-105 (Thomas & Betts). Tie-wraps sizes used, are function of bundle diameter and in accordance to the applicable process list.



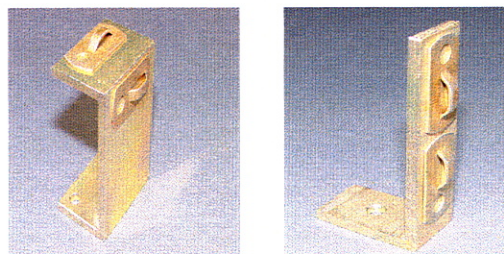
Tie-bases will be glued on the spacecraft structure and will assure harness fixation as well as electrical bonding.

5.2 Stand-off's

To maintain wire-bundles routing and minimize mechanical stress in harness, specific stand-off have been designed, which will be glued on the spacecraft structure.

The stand off designs are well approved at Kayser-Threde and will be modified to the purpose of the SVM Harness. (Pictures below)

Tie-bases will be glued to the stand-off's to allow cable fixation by using fasteners tie-wraps.



We assume 2 types of stand off will be necessary.

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6 2D Drawing Listing

6.1 HIFI 2D Drawing Listing

<i>Document Ref.</i>	<i>Document Title</i>	<i>Date</i>	<i>Issue</i>
H-P-NXH-DW-1023	HIFI#2 Instrument Panel Assy	03-05-04	A2
H-P-NXH-DW-1024	HIFI#1 Instrument Panel Assy	03-05-04	A2
H-P-NXH-DW-1050	Lower Closure Assy	03-05-04	A2

6.2 HIFI JIG Drawing Listing

<i>Document Ref.</i>	<i>Document Title</i>	<i>Date</i>	<i>Issue</i>
H-P-NXH-DR-1023	HIFI#2 Instrument Panel Assy	03-05-04	A2
H-P-NXH-DR-1024	HIFI#1 Instrument Panel Assy	03-05-04	A2
H-P-NXH-DR-1050	Lower Closure Assy	03-05-04	A2

6.3 HIFI 2D Drawings

See Annex

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7 HIFI Extracted Lengths

+ modification from B. Marchand

Bundle Id.	From Connector			To Connector			Bundle							Sq.**	
	Identification	Con Type	Bck Type	Identification	Con Type	Bck Type	N / R	Cat.	Diameter	Bending Radius	Mass (g/m)	Conn. (g)	L Max (mm)		L (mm)
PWR-1	FHICU P07	DBMA 25P	550E039	FHFCU P01	DCMA 37S	550T039	Nom	1	9	84	175	120	-	864	3
PWR-1	FHFCU P01	DCMA 37S	550T039	DBH1 P01*	DEMA 9P	TBD	Nom	1	4	70	50	30	-	1462	3
PWR-2a	DBH1 J01*	DEMA 9S	TBD	DBH4 J01*	DEMA 9P	TBD	Nom	1	9	84	175	120	-	1230	3
PWR-2b	DBH4 P01*	DEMA 9S	TBD	FHIFH P05	DEMA 9P	550T039	Nom	1	4	70	50	30	-	758	3
PWR-3	FHICU P08	DBMA 25P	550E039	FHFCU P03	DCMA 37S	550T039	Red	1	9	84	175	120	-	912	3
PWR-3	FHFCU P03	DCMA 37S	550T039	FHIFV P05	DEMA 9P	550T039	Red	1	9	84	175	120	-	439	3
PWR-4	FHLCU P04	DBMA 25P	550T039	FHLSU P01	DBMA 25S	550T039	Nom	1	9	70	100	120	-	1706	3
PWR-5	FHLCU P24	DBMA 25P	550T039	FHLSU P04	DBMA 25S	550T039	Red	1	9	70	100	120	-	856	3

Bundle Id.	From Connector			To Connector			Bundle							Sq.**	
	Identification	Con Type	Bck Type	Identification	Con Type	Bck Type	N / R	Cat.	Diameter	Bending Radius	Mass (g/m)	Conn. (g)	L Max (mm)		L (mm)
DIG-1	FHICU P09	DAMA 15P	550T039	FHFCU P02	DAMA 15S	550T039	Nom	2	4	70	40	91	-	1232	2
DIG-2	FHICU P10	DAMA 15P	550T039	FHFCU P04	DAMA 15S	550T039	Red	2	4	70	40	91	-	1323	2
DIG-3a	FHICU P11	DAMA 15P	550T039	DBH1 P06*	DAMA 15S	TBD	Nom	2	4	70	40	91	-	655	2
DIG-3b	DBH1 J06*	DAMA 15P	TBD	DBH4 J06*	DAMA 15S	TBD	Nom	2	4	70	40	91	-	1195	2
DIG-3c	DBH4 P06*	DAMA 15P	TBD	FHLCU P02	DAMA 15S	550T039	Nom	2	4	70	40	91	-	1203	2
DIG-4a	FHICU P12	DAMA 15P	550T039	DBH1 P07*	DAMA 15S	TBD	Red	2	4	70	40	91	-	710	2
DIG-4b	DBH1 J07*	DAMA 15P	TBD	DBH4 J07*	DAMA 15S	TBD	Red	2	4	70	40	91	-	1233	2
DIG-4c	DBH4 P07*	DAMA 15P	TBD	FHLCU P22	DAMA 15S	550T039	Red	2	4	70	40	91	-	1172	2
DIG-5a	FHICU P15	DBMA 25S	550T039	DBH1 P04*	DBMA 25P	TBD	Nom	2	6	70	56	120	-	720	2
DIG-5b	DBH1 J04*	DBMA 25S	TBD	DBH4 J04*	DBMA 25P	TBD	Nom	2	6	70	56	120	-	1131	2
DIG-5c	DBH4 P04*	DBMA 25S	TBD	FHWEH P01	DBMA 25P	550E039	Nom	2	6	70	56	120	-	1344	2
DIG-6a	FHICU P16	DBMA 25S	550T039	DBH1 P05*	DBMA 25P	TBD	Red	2	6	70	56	120	-	770	2
DIG-6b	DBH1 J05*	DBMA 25S	TBD	DBH2 J05*	DBMA 25P	TBD	Red	2	6	70	56	120	-	1166	2
DIG-6c	DBH2 P05*	DBMA 25S	TBD	FHWEH P02	DBMA 25P	550E039	Red	2	6	70	56	120	-	1374	2
DIG-7	FHICU P17	DBMA 25S	550T039	FHWEV P01	DBMA 25P	550E039	Nom	2	6	70	56	120	-	672	2
DIG-8	FHICU P18	DBMA 25S	550T039	FHWEV P02	DBMA 25P	550E039	Red	2	6	70	56	120	-	730	2
DIG-9a	FHICU P19	DBMA 25S	550T039	DBH1 P02*	DBMA 25P	TBD	Nom	2	6	70	56	120	-	695	2
DIG-9b	DBH1 J02*	DBMA 25S	TBD	DBH4 J02*	DBMA 25P	TBD	Nom	2	6	70	56	120	-	1165	2
DIG-9c	DBH4 P02*	DBMA 25S	TBD	FHHRH P02	DBMA 25P	550T039	Nom	2	6	70	56	120	-	1722	2
DIG-10a	FHICU P20	DBMA 25S	550T039	DBH1 P03*	DBMA 25P	TBD	Red	2	6	70	56	120	-	746	2
DIG-10b	DBH1 J03*	DBMA 25S	TBD	DBH4 J03*	DBMA 25P	TBD	Red	2	6	70	56	120	-	1199	2
DIG-10c	DBH4 P03*	DBMA 25S	TBD	FHHRH P03	DBMA 25P	550T039	Red	2	6	70	56	120	-	1825	2
DIG-11	FHICU P13	DBMA 25S	550T039	FHHRV P02	DBMA 25P	550T039	Nom	2	6	70	56	120	-	1020	2
DIG-12	FHICU P14	DBMA 25S	550T039	FHHRV P03	DBMA 25P	550T039	Red	2	6	70	56	120	-	1169	2
DIG-13	FHLCU P05	DAMA 26P	550T039	FHLSU P02	DAMA 26S	550T039	Nom	2	7	70	88	90	-	1412	2
DIG-14	FHLCU P25	DAMA 26P	550T039	FHLSU P05	DAMA 26S	550T039	Red	2	7	70	88	90	-	857	2

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Bundle Id.	From Connector			T o Connector			Bundle								Sq.**
	Identification	Con Type	Bck Type	Identification	Con Type	Bck Type	N / R	Cat.	Diameter	Bending Radius	Mass (g/m)	Conn. (g)	L Max (mm)	L (mm)	
ANL-1	FHLCU P06	DEMA 15P	550T039	FHLSU P03	DEMA 15S	550T039	Nom	3	4.5	70	44	67	-	1188	4
ANL-2	FHLCU P26	DEMA 15P	550T039	FHLSU P06	DEMA 15S	550T039	Red	3	4.5	70	44	67	-	685	4
ANL-3	FHWEH P04	21WA4P	SPECIAL	FHWOH P06	21WA4S	SPECIAL	-	3	15	40	180	95	-	368	2
ANL-4	FHWEH P05	17W5P	SPECIAL	FHWOH P05	17W5S	SPECIAL	-	3	12	70	135	95	-	434	2
ANL-5	FHWEV P04	21WA4P	SPECIAL	FHWOH P06	21WA4S	SPECIAL	-	3	15	40	180	95	-	596	2
ANL-6	FHWEV P05	17W5P	SPECIAL	FHWOV P05	17W5S	SPECIAL	-	3	12	70	135	95	-	501	2
RF-1	FHIFH P03	SMA M 3401 001 02	-	FHHRH P05	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	1370	1
RF-2	FHIFV P03	SMA M 3401 001 02	-	FHHRV P05	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	620	1
RF-3	FHIFH P04	SMA M 3401 001 02	-	FHWEH P10	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	1875	1
RF-4	FHIFV P04	SMA M 3401 001 02	-	FHWEV P10	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	611	1
RF-5	FHLSU P07	SMA M 3402 001 06	-	FHHRH P20	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	983	5
RF-6a	FHLSU P08	SMA M 3402 001 06	-	DBH3 P01*	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	1413	5
RF-6b	DBH3 J01*	SMA M 3402 001 06	-	DBH2 J01*	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	235	5
RF-6c	DBH2 P01*	SMA M 3402 001 06	-	FHHRV P20	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	794	5
RF-7	FHLSU P09	SMA M 3402 001 06	-	FHWEH P11	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	980	5
RF-8a	FHLSU P10	SMA M 3402 001 06	-	DBH3 P02*	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	1498	5
RF-8b	DBH3 J02*	SMA M 3402 001 06	-	DBH2 J02*	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	216	5
RF-8c	DBH2 P02*	SMA M 3402 001 06	-	FHWEV P11	SMA M 3402 001 06	-	-	4	2,05	40	9,5	9,8	-	1253	5
RF-9a	FHHRH P04	SMA M 3402 001 03B	-	CBH2 J01*	SMA M 3402 001 03B	-	-	4	6,3	38	158	16,4	-	1720	1
RF-9b	CBH2 P01*	SMA M 3402 001 03B	-	CBH1 P01*	SMA M 3402 001 03B	-	-	4	6,3	38	158	16,4	-	258	1
RF-9c	CBH1 J01*	SMA M 3402 001 03B	-	FHHRV P06	SMA M 3402 001 03B	-	-	4	6,3	38	158	16,4	-	981	1
RF-10a	FHHRV P04	SMA M 3402 001 03B	-	CBH1 J02*	SMA M 3402 001 03B	-	-	4	6,3	38	158	16,4	-	931	1
RF-10b	CBH1 P02*	SMA M 3402 001 03B	-	CBH2 P02*	SMA M 3402 001 03B	-	-	4	6,3	38	158	16,4	-	264	1
RF-10c	CBH2 J02*	SMA M 3402 001 03B	-	FHHRH P06	SMA M 3402 001 03B	-	-	4	6,3	38	158	16,4	-	1753	1
RF-11	FHWEH P06	SMA M 3401 001 02	-	FHWOH P01	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	604	1
RF-12	FHWEH P07	SMA M 3401 001 02	-	FHWOH P02	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	574	1
RF-13	FHWEH P08	SMA M 3401 001 02	-	FHWOH P03	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	504	1
RF-14	FHWEH P09	SMA M 3401 001 02	-	FHWOH P04	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	484	1
RF-15	FHWEV P06	SMA M 3401 001 02	-	FHWOV P01	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	325	1
RF-16	FHWEV P07	SMA M 3401 001 02	-	FHWOV P02	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	348	1
RF-17	FHWEV P08	SMA M 3401 001 02	-	FHWOV P03	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	434	1
RF-18	FHWEV P09	SMA M 3401 001 02	-	FHWOV P04	SMA M 3402 001 02	-	-	4	3,6	13	52	4,8	-	469	1

Note : These lengths are CATIA extracted and therefore theoretical values. It is recommended to perform harness production activities on JIG.

Lengths are measured from connector front face to connector front face.

* See table below for link between NXH and Alenia connector id.

** This table indicates the sequence in which the different cables must be integrated.

H-P WU HIFI Harness	Doc Id. :		
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Link between connector id. NXH and Alenia

		Connector Id.											
		DBH1		DBH2		DBH3		DBH4		CBH1		CBH2	
		NXH	Alenia	NXH	Alenia	NXH	Alenia	NXH	Alenia	NXH	Alenia	NXH	Alenia
Connector Id.	DBH1 J/P01	DBH1 J/P07	DBH2 P01	DBH2 P02	DBH3 P01	DBH3 P02	DBH4 J/P01	DBH4 J/P07	CBH1 P01	CBH1 P12	CBH2 P01	CBH2 P12	
	DBH1 J/P02	DBH1 J/P02	DBH2 J01	DBH2 P12	DBH3 J01	DBH3 P12	DBH4 J/P02	DBH4 J/P02	CBH1 J01	CBH1 P02	CBH2 J01	CBH2 P02	
	DBH1 J/P03	DBH1 J/P01	DBH2 P02	DBH2 P01	DBH3 P02	DBH3 P01	DBH4 J/P03	DBH4 J/P01	CBH1 P02	CBH1 P11	CBH1 P02	CBH2 P11	
	DBH1 J/P04	DBH1 J/P04	DBH2 J02	DBH2 P11	DBH3 J02	DBH3 P11	DBH4 J/P04	DBH4 J/P04	CBH1 J02	CBH1 P01	CBH2 J02	CBH2 P01	
	DBH1 J/P05	DBH1 J/P03					DBH4 J/P05	DBH4 J/P03					
	DBH1 J/P06	DBH1 J/P06					DBH4 J/P06	DBH4 J/P06					
	DBH1 J/P07	DBH1 J/P05					DBH4 J/P07	DBH4 J/P05					

WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

DATE : 15/05/2006

Issue : 2.0 Page : 70/303

Annex #4: Herschel – Planck Dismountability Brackets Connectors List: AD8-1



DOCUMENT COMPOSITION

Pages	Annexes	Others
204	0	0

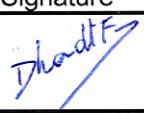
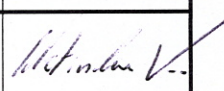



DOCUMENT IDENTIFICATION

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N° Project	: 1680		
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Material	: Herschel - Planck Harness		
Doc. Ref.	: H-P-4-NXH-TN-0001	A8	
Date	: 02-03-05		

TITLE

Herschel-Planck Dismountability Bracket Connectors list (SVM Harnesses)

Written by	Function	Date	Signature
Frederik Dhondt	Engineering	02-03-05	
Checked by			
Pletinckx Ken	Project Engineer	02-03-05	
Approved by			
Stéphane Dassy	Project Manager	02-03-05	

Herschel – Planck Dismountability Bracket Connector list (SVM Harnesses)	Doc Id. : H-P-4-NXH-TN-0001		
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DISTRIBUTION LIST

Company	Department	Distr.	Addressee
Nexans Harnesses	Project Management	X	Stéphane Dassy
	Quality		Abdessamad Laalimi
	Production		Denis Cammaert
	Method		Sven Storms
	Logistic		François Didden
	Engineering	X	Ken Pletinckx
	Sales & Contract		Eric Leurquin
ALENIA SPA	Technical Responsible	X	Bottaro Giovanni
	Programatics Responsible	X	Gian Maria Canaparo
ASPI		X	Keith-Robert Hibberd

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DOCUMENT CHANGE RECORD

Issue	Date	Reasons of change	Signature
A0	20-06-03	Document Creation	
A1	22-07-03	Modification DB21;DB22;DB05;DB06 and DB61.	
A2	07-10-03	Modification Issue 3	
A3	29-10-03	Modification Brackets number	
A4	05-04-04	General update list (Conn Function)	
A5	26-05-04	Update with Dismountability Connector Pin Functions	
A6	31-09-04	General update	
A7	28-01-05	Update (DCN 19 + Fax + Drop Voltage + Derating)	
A8	02-03-05	Update (paragraph 5.2.8 / 5.17.1 / 5.17.3 / 6.3.7 / 6.15.1 / 6.15.3)	

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1 Scope

This document describes the dismountability bracket connector types Herschel & Planck SVM Harness, as well as the dismountability bracket connector pin functions.

2 Applicable Document

[AD01]	H-P-IC-AI-0003 Iss.5
[AD02]	H-P-DCN-AI-0016
[AD03]	H-P-DCN-AI-0017
[AD04]	H-P-4-NXH-LI-0020 B1 EICD NXH HP-PWR ALS iss4
[AD05]	H-P-4-NXH-LI-0022 B1 EICD NXH HP-TTC ALS iss4
[AD06]	H-P-4-NXH-LI-0023 B1 EICD NXH P-FLR ALS iss4
[AD07]	H-P-4-NXH-LI-0024 B1 EICD NXH H-FLR ALS iss4
[AD08]	H-P-4-NXH-LI-0025 B1 EICD NXH 1K ALS iss4
[AD09]	H-P-4-NXH-LI-0026 B1 EICD NXH 4K ALS iss4
[AD10]	H-P-4-NXH-LI-0027 B1 EICD NXH HFI ALS iss4
[AD11]	H-P-4-NXH-LI-0028 B1 EICD NXH SCS ALS iss4
[AD12]	H-P-4-NXH-LI-0029 B1 EICD NXH PACS ALS iss4
[AD13]	H-P-4-NXH-LI-0030 B1 EICD NXH SPIRE ALS iss4
[AD14]	H-P-4-NXH-LI-0031 B1 EICD NXH HIFI2 ALS iss4
[AD15]	H-P-4-NXH-LI-0032 B1 EICD NXH HIFI1 ALS iss4
[AD16]	H-P-4-NXH-LI-0033 B1 EICD NXH ACMS ALS iss4
[AD17]	H-P-DCN-AL-0019
[AD18]	FAX HP-ALS-04-0522
[AD19]	FAX HP-ALS-04-0538
[AD20]	FAX HP-ALS-04-0422
[AD21]	H-P-MI-AL-0628
[AD22]	FAX HP-ALS-04-0561

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3.1 DB01 – PWR Panel Dismountability Bracket

Hrns_Conn_Name	Conn_Function	Loc.	Hrns_Conn_ParNum	FM_Conn_ParNum
DB01P01	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P02	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P03	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P04	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P05	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P06	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P07	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P08	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P09	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P10	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P11	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P12	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01J01	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J02	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J03	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J04	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J05	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J06	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J07	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J08	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J09	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J10	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J11	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J12	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO

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3.2 DB02 – PWR Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB02P01	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P02	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P03	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P04	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P05	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P06	DB02 DMS Nom	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02P07	DB02 ACMS Nom	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02P08	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P09	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P10	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P11	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P12	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P13	DB02 DMS Red	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02P14	DB02 ACMS Red	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02J01	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J02	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J03	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J04	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J05	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J06	DB02 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB02J07	DB02 ACMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB02J08	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J09	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J10	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J11	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J12	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J13	DB02 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB02J14	DB02 ACMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO

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3.3 DB21A – PWR Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB21AP01	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP02	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP03	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP04	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP05	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP06	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AJ01	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ02	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ03	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ04	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ05	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ06	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO

3.4 DB21B - PWR Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB21BP01	DB21B Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP02	DB21B Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP03	DB21B Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP04	DB21B Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP05	DB21B Sensitive Red2	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP06	DB21B Sensitive Red2	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BJ01	DB21B Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ02	DB21B Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ03	DB21B Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ04	DB21B Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ05	DB21B Sensitive Red2	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ06	DB21B Sensitive Red2	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO

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3.5 DB03 – PACS Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB03P01	DB03 Sensitive Nom	PACS	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB03P02	DB03 Sensitive Red	PACS	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB03P03	DB03 Sensitive Red2	PACS	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB03J01	DB03 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB03J02	DB03 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB03J03	DB03 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

3.6 DB31 – PACS Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB31P01	DB31 Signal Nom	PACS	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB31P02	DB31 Signal Red	PACS	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB31P03	DB31 DMS Nom	PACS	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31P04	DB31 DMS Red	PACS	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31J01	DB31 Signal Nom	FLR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31J02	DB31 Signal Red	FLR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31J03	DB31 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB31J04	DB31 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO

3.7 DB32 – PACS Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB32P01	DB32 Power Nom	PACS	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB32P02	DB32 Power Red	PACS	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB32J01	DB32 Power Nom	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB32J02	DB32 Power Red	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO

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3.8 DB04 – SPIRE Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB04P01	DB04 Power Nom	SPIRE	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB04P02	DB04 Power Red	SPIRE	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB04P03	DB04 Signal Nom	SPIRE	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB04P04	DB04 Signal Red	SPIRE	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB04P05	DB04 DMS Nom	SPIRE	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB04P06	DB04 DMS Red	SPIRE	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB04J01	DB04 Power Nom	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB04J02	DB04 Power Red	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB04J03	DB04 Signal Nom	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB04J04	DB04 Signal Red	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB04J05	DB04 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB04J06	DB04 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO

3.9 DB41 – SPIRE Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB41P01	DB41 Sensitive Nom	SPIRE	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB41P02	DB41 Sensitive Red	SPIRE	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB41P03	DB41 Sensitive Red2	SPIRE	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB41J01	DB41 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB41J02	DB41 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB41J03	DB41 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

3.10 DB42 – SPIRE Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB42P01	DB42 Sensitive Nom	SPIRE	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB42P02	DB42 Sensitive Red	SPIRE	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB42P03	DB42 Power Nom	SPIRE	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB42P04	DB42 Signal Nom	SPIRE	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB42J01	DB42 Sensitive Nom	FLR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB42J02	DB42 Sensitive Red	FLR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB42J03	DB42 Power Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB42J04	DB42 Signal Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

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3.11 DB05 – HIFI 2 Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB05P01	DB05 DMS Nom	HIFI2	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB05P02	DB05 DMS Red	HIFI2	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB05P03	DB05 Sensitive Nom	HIFI2	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB05P04	DB05 Sensitive Red	HIFI2	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB05P05	DB05 Sensitive Red2	HIFI2	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB05P06	DB05 Power Nom	HIFI2	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB05P07	DB05 Power Red	HIFI2	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB05J01	DB05 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB05J02	DB05 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB05J03	DB05 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB05J04	DB05 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB05J05	DB05 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB05J06	DB05 Power Nom	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB05J07	DB05 Power Red	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO

3.12 DB06 – HIFI 1 Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB06P01	DB06 Power Nom	HIFI1	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB06P02	DB06 Power Red	HIFI1	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB06J01	DB06 Power Nom	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB06J02	DB06 Power Red	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO

3.13 DB61 – HIFI 1 Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB61P01	DB61 Sensitive Nom	HIFI1	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB61P02	DB61 Sensitive Red	HIFI1	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB61P03	DB61 Sensitive Red2	HIFI1	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB61J01	DB61 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB61J02	DB61 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB61J03	DB61 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

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3.14 DB07 – ACMS Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB07P01	DB07 Power Nom	ACMS	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB07P02	DB07 Power Red	ACMS	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB07P03	DB07 Sensitive Nom	ACMS	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB07P04	DB07 Sensitive Red	ACMS	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB07P05	DB07 Sensitive Red2	ACMS	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB07J01	DB07 Power Nom	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB07J02	DB07 Power Red	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB07J03	DB07 Sensitive Nom	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB07J04	DB07 Sensitive Red	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB07J05	DB07 Sensitive Red2	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO

3.15 DB71 – ACMS Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB71P01	DB71 Power Nom	ACMS	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB71P02	DB71 Signal Nom	ACMS	DBMA 25S	3401002 01B DBMA 25S NMB FO
DB71P03	DB71 Power Nom	ACMS	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB71P04	DB71 Signal Nom	ACMS	DBMA 25S	3401002 01B DBMA 25S NMB FO
DB71P05	DB71 Power Red	ACMS	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB71P06	DB71 Signal Red	ACMS	DBMA 25S	3401002 01B DBMA 25S NMB FO
DB71P07	DB71 Power Red	ACMS	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB71P08	DB71 Signal Red	ACMS	DBMA 25S	3401002 01B DBMA 25S NMB FO
DB71J01	DB71 Power Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB71J02	DB71 Signal Nom	FLR	DBMA 25P	3401002 01B DBMA 25P NMB FO
DB71J03	DB71 Power Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB71J04	DB71 Signal Nom	FLR	DBMA 25P	3401002 01B DBMA 25P NMB FO
DB71J05	DB71 Power Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB71J06	DB71 Signal Red	FLR	DBMA 25P	3401002 01B DBMA 25P NMB FO
DB71J07	DB71 Power Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB71J08	DB71 Signal Red	FLR	DBMA 25P	3401002 01B DBMA 25P NMB FO

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3.16 DB09 – TT&C Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB09P01	DB09 Power Nom	TTC	DCMA 50P	3401002 01B DCMA 50P NMB FO
DB09P02	DB09 Power Nom	TTC	DCMA 50P	3401002 01B DCMA 50P NMB FO
DB09P03	DB09 Power Red	TTC	DCMA 50P	3401002 01B DCMA 50P NMB FO
DB09P04	DB09 Power Red	TTC	DCMA 50P	3401002 01B DCMA 50P NMB FO
DB09J01	DB09 Power Nom	FLR	DCMA 50S	3401002 01B DCMA 50S NMB FO
DB09J02	DB09 Power Nom	FLR	DCMA 50S	3401002 01B DCMA 50S NMB FO
DB09J03	DB09 Power Red	FLR	DCMA 50S	3401002 01B DCMA 50S NMB FO
DB09J04	DB09 Power Red	FLR	DCMA 50S	3401002 01B DCMA 50S NMB FO

3.17 DB91 – TT&C Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB91P01	DB91 DMS Nom	TTC	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB91P02	DB91 DMS Red	TTC	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB91P03	DB91 Signal Nom	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91P04	DB91 Signal Nom	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91P05	DB91 Signal Red	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91P06	DB91 Signal Red	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91J01	DB91 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB91J02	DB91 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB91J03	DB91 Signal Nom	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB91J04	DB91 Signal Nom	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB91J05	DB91 Signal Red	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB91J06	DB91 Signal Red	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO

3.18 DB92 – TT&C Panel Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Hrms_Conn_ParNum	FM_Conn_ParNum
DB92P01	DB92 Sensitive Nom	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB92P02	DB92 Sensitive Red	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB92P03	DB92 Sensitive Red2	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB92J01	DB92 Sensitive Nom	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB92J02	DB92 Sensitive Red	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB92J03	DB92 Sensitive Red2	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO

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4 Planck Dismountability Bracket

4.1 DB01 – PWR Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB01P01	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P02	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P03	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P04	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P05	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P06	DB01 Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P07	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P08	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P09	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P10	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P11	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01P12	DB01 Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB01J01	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J02	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J03	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J04	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J05	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J06	DB01 Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J07	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J08	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J09	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J10	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J11	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB01J12	DB01 Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO

4.2 DB11 – PWR Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB11P01	DB11 SA Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB11P02	DB11 SA Power Red	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB11P03	DB11 SA Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB11P04	DB11 SA Power Nom	PWR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB11J01	DB11 SA Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB11J02	DB11 SA Power Red	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB11J03	DB11 SA Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB11J04	DB11 SA Power Nom	FLR	DDMA 50P	3401002 01B DDMA 50P NMB FO

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4.3 DB02 – PWR Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB02P01	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P02	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P03	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P04	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P05	DB02 Signal Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P06	DB02 DMS Nom	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02P07	DB02 ACMS Nom	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02P08	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P09	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P10	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P11	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P12	DB02 Signal Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB02P13	DB02 DMS Red	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02P14	DB02 ACMS Red	PWR	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB02J01	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J02	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J03	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J04	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J05	DB02 Signal Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J06	DB02 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB02J07	DB02 ACMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB02J08	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J09	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J10	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J11	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J12	DB02 Signal Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB02J13	DB02 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB02J14	DB02 ACMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO

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4.4 DB21A – PWR Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB21AP01	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP02	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP03	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP04	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP05	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AP06	DB21A Sensitive Nom	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21AJ01	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ02	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ03	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ04	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ05	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21AJ06	DB21A Sensitive Nom	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO

4.5 DB21B – PWR Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB21BP01	DB21A Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP02	DB21A Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP03	DB21A Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP04	DB21A Sensitive Red	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP05	DB21A Sensitive Red2	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BP06	DB21A Sensitive Red2	PWR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB21BJ01	DB21A Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ02	DB21A Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ03	DB21A Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ04	DB21A Sensitive Red	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ05	DB21A Sensitive Red2	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB21BJ06	DB21A Sensitive Red2	FLR	DDMA 78S	3401002 02B DDMA 78S NMB FO

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4.6 DB03 – HFI Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB03P01	DB03 Power Nom	HFI	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB03P02	DB03 Power Red	HFI	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB03J01	DB03 Power Nom	PWR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB03J02	DB03 Power Red	PWR	DCMA 37S	3401002 01B DCMA 37S NMB FO

4.7 DB31 – HFI Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB31P01	DB31 DMS Nom	HFI	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31P02	DB31 DMS Red	HFI	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31P03	DB31 ACMS Nom	HFI	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31P04	DB31 ACMS Red	HFI	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB31P05	DB31 Signal Nom	HFI	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB31P06	DB31 Signal Red	HFI	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB31J01	DB31 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB31J02	DB31 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB31J03	DB31 ACMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB31J04	DB31 ACMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB31J05	DB31 Signal Nom	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB31J06	DB31 Signal Red	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO

4.8 DB32 – HFI Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB32P01	DB31 Sensitive Nom	HFI	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB32P02	DB31 Sensitive Red	HFI	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB32P03	DB31 Sensitive Red2	HFI	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB32J01	DB31 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB32J02	DB31 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB32J03	DB31 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

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4.9 DB04 – HFI 0.1K Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB04P01	DB04 DMS Nom	0.1K	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB04P02	DB04 DMS Red	0.1K	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB04P03	DB04 Signal Nom	0.1K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB04P04	DB04 Signal Red	0.1K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB04P05	DB04 Sensitive Nom	0.1K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB04P06	DB04 Sensitive Red	0.1K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB04P07	DB04 Sensitive Red2	0.1K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB04J01	DB04 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB04J02	DB04 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB04J03	DB04 Signal Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB04J04	DB04 Signal Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB04J05	DB04 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB04J06	DB04 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB04J07	DB04 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

4.10 DB41 – HFI 0.1K Dismountability Bracket

Hrms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB41P01	DB41 Power Nom	0.1K	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB41P02	DB41 Power Red	0.1K	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB41J01	DB41 Power Nom	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB41J02	DB41 Power Red	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO

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4.11 DB05 – HFI 4K Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB05P01	DB05 Power Nom	4K	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB05P02	DB05 Power Red	4K	DCMA 37P	3401002 01B DCMA 37P NMB FO
DB05P03	DB05 Sensitive Nom	4K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB05P04	DB05 Sensitive Red	4K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB05J01	DB05 Power Nom	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB05J02	DB05 Power Red	FLR	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB05J03	DB05 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB05J04	DB05 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

4.12 DB51 – HFI 4K Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB51P01	DB51 Sensitive Nom	4K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB51P02	DB51 Sensitive Red	4K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB51P03	DB51 Sensitive Red2	4K	DEMA 15S	3401002 02B DEMA 15S NMB FO
DB51J01	DB51 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB51J02	DB51 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
DB51J03	DB51 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO

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4.13 CB01 – LFI/SCS Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
CB01P01	CB01 Sensitive Nom	SCS	DEMA 15S	3401002 02B DEMA 15S NMB FO
CB01P02	CB01 Sensitive Red	SCS	DEMA 15S	3401002 02B DEMA 15S NMB FO
CB01P03	CB01 Sensitive Red2	SCS	DEMA 15S	3401002 02B DEMA 15S NMB FO
CB01P04	CB01 Signal Nom	SCS	DEMA 15S	3401002 02B DEMA 15S NMB FO
CB01P05	CB01 Signal Red	SCS	DEMA 15S	3401002 02B DEMA 15S NMB FO
CB01P06	CB01 Power Nom	SCS	DDMA 50P	3401002 01B DDMA 50P NMB FO
CB01P07	CB01 Power Red	SCS	DDMA 50P	3401002 01B DDMA 50P NMB FO
CB01P08	CB01 DMS Nom	SCS	DEMA 09P	3401002 01B DEMA 09P NMB FO
CB01P09	CB01 DMS Red	SCS	DEMA 09P	3401002 01B DEMA 09P NMB FO
CB01J01	CB01 Sensitive Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
CB01J02	CB01 Sensitive Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
CB01J03	CB01 Sensitive Red2	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
CB01J04	CB01 Signal Nom	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
CB01J05	CB01 Signal Red	FLR	DEMA 15P	3401002 02B DEMA 15P NMB FO
CB01J06	CB01 Power Nom	FLR	DDMA 50S	3401002 01B DDMA 50S NMB FO
CB01J07	CB01 Power Red	FLR	DDMA 50S	3401002 01B DDMA 50S NMB FO
CB01J08	CB01 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
CB01J09	CB01 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO

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4.14 DB09– TT&C Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB09P01	DB09 Power Nom	TTC	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB09P02	DB09 Power Nom	TTC	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB09P03	DB09 Power Red	TTC	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB09P04	DB09 Power Red	TTC	DDMA 50P	3401002 01B DDMA 50P NMB FO
DB09J01	DB09 Power Nom	FLR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB09J02	DB09 Power Nom	FLR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB09J03	DB09 Power Red	FLR	DDMA 50S	3401002 01B DDMA 50S NMB FO
DB09J04	DB09 Power Red	FLR	DDMA 50S	3401002 01B DDMA 50S NMB FO

4.15 DB91 – TT&C Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB91P01	DB91 DMS Nom	TTC	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB91P02	DB91 DMS Red	TTC	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB91P03	DB91 Signal Nom	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91P04	DB91 Signal Nom	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91P05	DB91 Signal Red	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91P06	DB91 Signal Red	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB91J01	DB91 DMS Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB91J02	DB91 DMS Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB91J03	DB91 Signal Nom	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB91J04	DB91 Signal Nom	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB91J05	DB91 Signal Red	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB91J06	DB91 Signal Red	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO

4.16 DB92 – TT&C Dismountability Bracket

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB92P01	DB92 Sensitive Nom	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB92P02	DB92 Sensitive Red	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB92P03	DB92 Sensitive Red2	TTC	DDMA 78S	3401002 02B DDMA 78S NMB FO
DB92J01	DB92 Sensitive Nom	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB92J02	DB92 Sensitive Red	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO
DB92J03	DB92 Sensitive Red2	FLR	DDMA 78P	3401002 02B DDMA 78P NMB FO

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4.17 DB99 – 0.1K Dismountability Bracket (TBD)

Hms_Conn_Name	Conn_Function	Loc.	Conn_ParNum	FM_Conn_ParNum
DB99P01	DB99 Power Nom	TTC	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB99P02	DB99 Power Red	TTC	DEMA 09P	3401002 01B DEMA 09P NMB FO
DB99P03	DB99 Signal Nom	TTC	DCMA 37S	3401002 01B DCMA 37S NMB FO
DB99J01	DB99 Power Nom	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB99J02	DB99 Power Red	FLR	DEMA 09S	3401002 01B DEMA 09S NMB FO
DB99J03	DB99 Signal Nom	FLR	DCMA 37P	3401002 01B DCMA 37P NMB FO

5 Herschel Dismountability Bracket Connectors: Pin Allocation

5.1 DB01 – PWR Dismountability Bracket Connectors

5.1.1 DB01 P01 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P01	1	PCDU	PCDUP01	01	PCDU/CBPLM_Telescope_Htr_Deco-1_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	01	PWR	I	NOM
PWR	DB01	P01	2	PCDU	PCDUP01	14	PCDU/CBPLM_Telescope_Htr_Deco-1_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	20	PWR	I	NOM
PWR	DB01	P01	5	PCDU	PCDUP01	02	PCDU/HEATER_Htr_Line2_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	6	PCDU	PCDUP01	15	PCDU/HEATER_Htr_Line2_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	7	PCDU	PCDUP01	03	PCDU/HEATER_Htr_Line39_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	8	PCDU	PCDUP01	16	PCDU/HEATER_Htr_Line39_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	9	PCDU	PCDUP01	04	PCDU/HEATER_Htr_Line40_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	10	PCDU	PCDUP01	17	PCDU/HEATER_Htr_Line40_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	11	PCDU	PCDUP01	05	PCDU/HEATER_Htr_Line11_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	12	PCDU	PCDUP01	18	PCDU/HEATER_Htr_Line11_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	13	PCDU	PCDUP01	06	PCDU/HEATER_Htr_Line1_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	14	PCDU	PCDUP01	19	PCDU/HEATER_Htr_Line1_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	18	PCDU	PCDUP02	03	PCDU/CCU_A_Pwr	ACT	CCU	CCUP13	02	PWR	I	NOM
PWR	DB01	P01	19	PCDU	PCDUP02	22	PCDU/CCU_A_Pwr	RTN	CCU	CCUP13	09	PWR	I	NOM
PWR	DB01	P01	24	PCDU	PCDUP02	09	PCDU/XPND1_Tx_Pwr-1	ACT	XPND1	XPND1P04	09	PWR	I	NOM
PWR	DB01	P01	25	PCDU	PCDUP02	28	PCDU/XPND1_Tx_Pwr-1	RTN	XPND1	XPND1P04	01	PWR	I	NOM
PWR	DB01	P01	26	PCDU	PCDUP02	10	PCDU/XPND1_Tx_Pwr-2	ACT	XPND1	XPND1P05	09	PWR	I	NOM
PWR	DB01	P01	27	PCDU	PCDUP02	29	PCDU/XPND1_Tx_Pwr-2	RTN	XPND1	XPND1P05	01	PWR	I	NOM
PWR	DB01	P01	28	PCDU	PCDUP02	13	PCDU/RWL3_Pwr-1	ACT	RWL3	RWL3P01	01	PWR	I	NOM
PWR	DB01	P01	29	PCDU	PCDUP02	32	PCDU/RWL3_Pwr-1	RTN	RWL3	RWL3P01	04	PWR	I	NOM
PWR	DB01	P01	30	PCDU	PCDUP02	14	PCDU/RWL3_Pwr-2	ACT	RWL3	RWL3P01	06	PWR	I	NOM
PWR	DB01	P01	31	PCDU	PCDUP02	33	PCDU/RWL3_Pwr-2	RTN	RWL3	RWL3P01	09	PWR	I	NOM
PWR	DB01	P01	34	PCDU	PCDUP03	01	PCDU/CBPLM_Telescope_Htr_Deco-3_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	05	PWR	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P01	35	PCDU	PCDUP03	14	PCDU/CBPLM_Telescope_Htr_Deco-3_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	24	PWR	I	NOM
PWR	DB01	P01	38	PCDU	PCDUP03	02	PCDU/HEATER_Htr_Line41_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	39	PCDU	PCDUP03	15	PCDU/HEATER_Htr_Line41_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	40	PCDU	PCDUP03	03	PCDU/HEATER_Htr_Line42_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	41	PCDU	PCDUP03	16	PCDU/HEATER_Htr_Line42_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	42	PCDU	PCDUP03	04	PCDU/HEATER_Htr_Line43_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	43	PCDU	PCDUP03	17	PCDU/HEATER_Htr_Line43_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	44	PCDU	PCDUP03	05	PCDU/HEATER_Htr_Line5_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	45	PCDU	PCDUP03	18	PCDU/HEATER_Htr_Line5_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	46	PCDU	PCDUP03	06	PCDU/HEATER_Htr_Line4_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	47	PCDU	PCDUP03	19	PCDU/HEATER_Htr_Line4_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P01	48	PCDU	PCDUP03	08	PCDU/HEATER_Htr_Line6_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P01	49	PCDU	PCDUP03	20	PCDU/HEATER_Htr_Line6_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM

5.1.2 DB01 P02 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P02	1	PCDU	PCDUP03	09	PCDU/HEATER_Htr_Line7_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	2	PCDU	PCDUP03	21	PCDU/HEATER_Htr_Line7_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	3	PCDU	PCDUP03	10	PCDU/HEATER_Htr_Line8_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	4	PCDU	PCDUP03	22	PCDU/HEATER_Htr_Line8_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	5	PCDU	PCDUP03	11	PCDU/HEATER_Htr_Line9_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	6	PCDU	PCDUP03	23	PCDU/HEATER_Htr_Line9_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	7	PCDU	PCDUP03	12	PCDU/HEATER_Htr_Line10_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	8	PCDU	PCDUP03	24	PCDU/HEATER_Htr_Line10_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	9	PCDU	PCDUP03	13	PCDU/HEATER_Htr_Line38_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	10	PCDU	PCDUP03	25	PCDU/HEATER_Htr_Line38_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	11	PCDU	PCDUP06	35	PCDU/CBPLM_NCA_Nom_Pwr_3	RTN	CBPLM1A	CBPLM1AJ01	08	PWR	I	NOM
PWR	DB01	P02	12	PCDU	PCDUP06	35	PCDU/CBPLM_NCA_Nom_Pwr_4	RTN	CBPLM1A	CBPLM1AJ01	05	PWR	I	NOM

Herschel – Planck Dismountability Bracket Connector list (SVM Harnesses)

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P02	20	PCDU	PCDUP04	07	PCDU/CRS1_Pwr	ACT	CRS1	CRS1P01	01	PWR	I	NOM
PWR	DB01	P02	21	PCDU	PCDUP04	26	PCDU/CRS1_Pwr	RTN	CRS1	CRS1P01	03	PWR	I	NOM
PWR	DB01	P02	22	PCDU	PCDUP04	11	PCDU/EPC1_Pwr-1	ACT	EPC1	EPC1P01	02	PWR	I	NOM
PWR	DB01	P02	23	PCDU	PCDUP04	30	PCDU/EPC1_Pwr-1	RTN	EPC1	EPC1P01	05	PWR	I	NOM
PWR	DB01	P02	24	PCDU	PCDUP04	12	PCDU/EPC1_Pwr-2	ACT	EPC1	EPC1P02	02	PWR	I	NOM
PWR	DB01	P02	25	PCDU	PCDUP04	31	PCDU/EPC1_Pwr-2	RTN	EPC1	EPC1P02	04	PWR	I	NOM
PWR	DB01	P02	26	PCDU	PCDUP04	13	PCDU/RWL1_Pwr-1	ACT	RWL1	RWL1P01	01	PWR	I	NOM
PWR	DB01	P02	27	PCDU	PCDUP04	32	PCDU/RWL1_Pwr-1	RTN	RWL1	RWL1P01	04	PWR	I	NOM
PWR	DB01	P02	28	PCDU	PCDUP04	14	PCDU/RWL1_Pwr-2	ACT	RWL1	RWL1P01	06	PWR	I	NOM
PWR	DB01	P02	29	PCDU	PCDUP04	33	PCDU/RWL1_Pwr-2	RTN	RWL1	RWL1P01	09	PWR	I	NOM
PWR	DB01	P02	31	PCDU	PCDUP06	16	PCDU/CBPLM_NCA_Nom_Pwr_3	ACT	CBPLM1A	CBPLM1AJ01	04	PWR	I	NOM
PWR	DB01	P02	32	PCDU	PCDUP06	16	PCDU/CBPLM_NCA_Nom_Pwr_4	ACT	CBPLM1A	CBPLM1AJ01	09	PWR	I	NOM
PWR	DB01	P02	34	PCDU	PCDUP05	01	PCDU/CBPLM_Telescope_Htr_Deco-5_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	09	PWR	I	NOM
PWR	DB01	P02	35	PCDU	PCDUP05	14	PCDU/CBPLM_Telescope_Htr_Deco-5_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	28	PWR	I	NOM
PWR	DB01	P02	38	PCDU	PCDUP05	02	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	39	PCDU	PCDUP05	15	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	40	PCDU	PCDUP05	03	PCDU/HEATER_Htr_Line45_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	41	PCDU	PCDUP05	16	PCDU/HEATER_Htr_Line45_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	42	PCDU	PCDUP05	04	PCDU/HEATER_Htr_Line29_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	43	PCDU	PCDUP05	17	PCDU/HEATER_Htr_Line29_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	44	PCDU	PCDUP05	05	PCDU/HEATER_Htr_Line30_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	45	PCDU	PCDUP05	18	PCDU/HEATER_Htr_Line30_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	46	PCDU	PCDUP05	06	PCDU/HEATER_Htr_Line46_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	47	PCDU	PCDUP05	19	PCDU/HEATER_Htr_Line46_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P02	48	PCDU	PCDUP05	08	PCDU/HEATER_Htr_Line49_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P02	49	PCDU	PCDUP05	20	PCDU/HEATER_Htr_Line49_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM

5.1.3 DB01 P03 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P03	1	PCDU	PCDUP05	09	PCDU/HEATER_Htr_Line18_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	2	PCDU	PCDUP05	21	PCDU/HEATER_Htr_Line18_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	3	PCDU	PCDUP05	10	PCDU/HEATER_Htr_Line15_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	4	PCDU	PCDUP05	22	PCDU/HEATER_Htr_Line15_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	5	PCDU	PCDUP05	11	PCDU/HEATER_Htr_Line44_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	6	PCDU	PCDUP05	23	PCDU/HEATER_Htr_Line44_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	7	PCDU	PCDUP05	12	PCDU/HEATER_Htr_Line47_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	8	PCDU	PCDUP05	24	PCDU/HEATER_Htr_Line47_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	9	PCDU	PCDUP05	13	PCDU/HEATER_Htr_Line48_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	10	PCDU	PCDUP05	25	PCDU/HEATER_Htr_Line48_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	11	PCDU	PCDUP06	34	PCDU/CBPLM_NCA_Nom_Pwr_1	RTN	CBPLM1A	CBPLM1AJ01	06	PWR	I	NOM
PWR	DB01	P03	12	PCDU	PCDUP06	34	PCDU/CBPLM_NCA_Nom_Pwr_2	RTN	CBPLM1A	CBPLM1AJ01	03	PWR	I	NOM
PWR	DB01	P03	13	PCDU	PCDUP06	03	PCDU/FHWEV_Pwr	ACT	FHWEV	FHWEVP03	2	PWR	I	NOM
PWR	DB01	P03	14	PCDU	PCDUP06	22	PCDU/FHWEV_Pwr	RTN	FHWEV	FHWEVP03	4	PWR	I	NOM
PWR	DB01	P03	17	PCDU	PCDUP06	05	PCDU/SREM_Pwr	ACT	SREM	SREMP01	08	PWR	I	NOM
PWR	DB01	P03	18	PCDU	PCDUP06	24	PCDU/SREM_Pwr	RTN	SREM	SREMP01	07	PWR	I	NOM
PWR	DB01	P03	19	PCDU	PCDUP06	07	PCDU/HSDPU_Nom_Pwr	ACT	HSDPU	HSDPUP01	02	PWR	I	NOM
PWR	DB01	P03	20	PCDU	PCDUP06	26	PCDU/HSDPU_Nom_Pwr	RTN	HSDPU	HSDPUP01	04	PWR	I	NOM
PWR	DB01	P03	25	PCDU	PCDUP06	15	PCDU/CBPLM_NCA_Nom_Pwr_1	ACT	CBPLM1A	CBPLM1AJ01	02	PWR	I	NOM
PWR	DB01	P03	26	PCDU	PCDUP06	15	PCDU/CBPLM_NCA_Nom_Pwr_2	ACT	CBPLM1A	CBPLM1AJ01	07	PWR	I	NOM
PWR	DB01	P03	29	PCDU	PCDUP07	01	PCDU/CBPLM_Telescope_Htr_Deco-7_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	13	PWR	I	NOM
PWR	DB01	P03	30	PCDU	PCDUP07	14	PCDU/CBPLM_Telescope_Htr_Deco-7_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	32	PWR	I	NOM
PWR	DB01	P03	33	PCDU	PCDUP07	02	PCDU/HEATER_Htr_Line22_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	34	PCDU	PCDUP07	15	PCDU/HEATER_Htr_Line22_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	35	PCDU	PCDUP07	03	PCDU/HEATER_Htr_Line23_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	36	PCDU	PCDUP07	16	PCDU/HEATER_Htr_Line23_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P03	37	PCDU	PCDUP07	04	PCDU/HEATER_Htr_Line24_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	38	PCDU	PCDUP07	17	PCDU/HEATER_Htr_Line24_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	39	PCDU	PCDUP07	05	PCDU/HEATER_Htr_Line28_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	40	PCDU	PCDUP07	18	PCDU/HEATER_Htr_Line28_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	41	PCDU	PCDUP07	06	PCDU/HEATER_Htr_Line21_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	42	PCDU	PCDUP07	19	PCDU/HEATER_Htr_Line21_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	43	PCDU	PCDUP07	08	PCDU/HEATER_Htr_Line27_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	44	PCDU	PCDUP07	20	PCDU/HEATER_Htr_Line27_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	47	PCDU	PCDUP07	10	PCDU/HEATER_Htr_Line16_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	48	PCDU	PCDUP07	22	PCDU/HEATER_Htr_Line16_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P03	49	PCDU	PCDUP07	11	PCDU/HEATER_Htr_Line17_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P03	50	PCDU	PCDUP07	23	PCDU/HEATER_Htr_Line17_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM

5.1.4 DB01 P04 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P04	1	PCDU	PCDUP07	12	PCDU/HEATER_Htr_Line31_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	2	PCDU	PCDUP07	24	PCDU/HEATER_Htr_Line31_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	3	PCDU	PCDUP07	13	PCDU/HEATER_Htr_Line32_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	4	PCDU	PCDUP07	25	PCDU/HEATER_Htr_Line32_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	7	PCDU	PCDUP08	07	PCDU/HSFCU_Nom_Pwr	ACT	HSFCU	HSFCUP05	02	PWR	I	NOM
PWR	DB01	P04	7	PCDU	PCDUP08	07	PCDU/HSFCU_Nom_Pwr	ACT	HSFCU	HSFCUP05	02	PWR	I	NOM
PWR	DB01	P04	8	PCDU	PCDUP08	26	PCDU/HSFCU_Nom_Pwr	RTN	HSFCU	HSFCUP05	04	PWR	I	NOM
PWR	DB01	P04	8	PCDU	PCDUP08	26	PCDU/HSFCU_Nom_Pwr	RTN	HSFCU	HSFCUP05	04	PWR	I	NOM
PWR	DB01	P04	11	PCDU	PCDUP30	10	PCDU/FHLCU_Nom_Pwr	ACT	FHLCU	FHLCUP01	7	PWR	I	NOM
PWR	DB01	P04	12	PCDU	PCDUP30	29	PCDU/FHLCU_Nom_Pwr	RTN	FHLCU	FHLCUP01	9	PWR	I	NOM
PWR	DB01	P04	19	PCDU	PCDUP09	01	PCDU/HEATER_Htr_Line13_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	20	PCDU	PCDUP09	14	PCDU/HEATER_Htr_Line13_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P04	23	PCDU	PCDUP09	02	PCDU/HEATER_Htr_Line34_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	24	PCDU	PCDUP09	15	PCDU/HEATER_Htr_Line34_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	25	PCDU	PCDUP09	03	PCDU/HEATER_Htr_Line35_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	26	PCDU	PCDUP09	16	PCDU/HEATER_Htr_Line35_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	27	PCDU	PCDUP09	04	PCDU/HEATER_Htr_Line36_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	28	PCDU	PCDUP09	17	PCDU/HEATER_Htr_Line36_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	29	PCDU	PCDUP09	05	PCDU/HEATER_Htr_Line37_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	30	PCDU	PCDUP09	18	PCDU/HEATER_Htr_Line37_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	31	PCDU	PCDUP09	06	PCDU/HEATER_Htr_Line19_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	32	PCDU	PCDUP09	19	PCDU/HEATER_Htr_Line19_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	33	PCDU	PCDUP09	08	PCDU/CBPLM_Telescope_Htr_Deco-8_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	15	PWR	I	NOM
PWR	DB01	P04	34	PCDU	PCDUP09	20	PCDU/CBPLM_Telescope_Htr_Deco-8_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	34	PWR	I	NOM
PWR	DB01	P04	37	PCDU	PCDUP09	09	PCDU/HEATER_Htr_Line26_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	38	PCDU	PCDUP09	21	PCDU/HEATER_Htr_Line26_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	39	PCDU	PCDUP09	10	PCDU/HEATER_Htr_Line33_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	40	PCDU	PCDUP09	22	PCDU/HEATER_Htr_Line33_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	41	PCDU	PCDUP09	11	PCDU/HEATER_Htr_Line20_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	42	PCDU	PCDUP09	23	PCDU/HEATER_Htr_Line20_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	43	PCDU	PCDUP09	12	PCDU/HEATER_Htr_Line14_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	44	PCDU	PCDUP09	24	PCDU/HEATER_Htr_Line14_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM
PWR	DB01	P04	45	PCDU	PCDUP09	13	PCDU/HEATER_Htr_Line25_Nom_Pwr	ACT	HEATER	N/A	FL1	PWR	I	NOM
PWR	DB01	P04	46	PCDU	PCDUP09	25	PCDU/HEATER_Htr_Line25_Nom_Pwr	RTN	HEATER	N/A	FL2	PWR	I	NOM

5.1.5 DB01 P05 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P05	1	PCDU	PCDUP10	03	PCDU/FPSPU1_Pwr-1	ACT	FPSPU1	FPSPU1P11	2	PWR	I	NOM
PWR	DB01	P05	2	PCDU	PCDUP10	22	PCDU/FPSPU1_Pwr-1	RTN	FPSPU1	FPSPU1P11	4	PWR	I	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P05	3	PCDU	PCDUP10	04	PCDU/FPSPU1_Pwr-2	ACT	FPSPU1	FPSPU1P11	1	PWR	I	NOM
PWR	DB01	P05	4	PCDU	PCDUP10	23	PCDU/FPSPU1_Pwr-2	RTN	FPSPU1	FPSPU1P11	5	PWR	I	NOM
PWR	DB01	P05	5	PCDU	PCDUP10	07	PCDU/FHHRH_Pwr	ACT	FHHRH	FHHRHP01	2	PWR	I	NOM
PWR	DB01	P05	5	PCDU	PCDUP10	07	PCDU/FHHRH_Pwr	ACT	FHHRH	FHHRHP01	2	PWR	I	NOM
PWR	DB01	P05	6	PCDU	PCDUP10	26	PCDU/FHHRH_Pwr	RTN	FHHRH	FHHRHP01	4	PWR	I	NOM
PWR	DB01	P05	6	PCDU	PCDUP10	26	PCDU/FHHRH_Pwr	RTN	FHHRH	FHHRHP01	4	PWR	I	NOM
PWR	DB01	P05	9	PCDU	PCDUP10	09	PCDU/FHICU_Nom_Pwr	ACT	FHICU	FHICUP01	2	PWR	I	NOM
PWR	DB01	P05	9	PCDU	PCDUP10	09	PCDU/FHICU_Nom_Pwr	ACT	FHICU	FHICUP01	2	PWR	I	NOM
PWR	DB01	P05	10	PCDU	PCDUP10	28	PCDU/FHICU_Nom_Pwr	RTN	FHICU	FHICUP01	4	PWR	I	NOM
PWR	DB01	P05	10	PCDU	PCDUP10	28	PCDU/FHICU_Nom_Pwr	RTN	FHICU	FHICUP01	4	PWR	I	NOM
PWR	DB01	P05	13	PCDU	PCDUP10	11	PCDU/FPMEC1_Pwr-1	ACT	FPMEC1	FPMEC1P30	2	PWR	I	NOM
PWR	DB01	P05	14	PCDU	PCDUP10	30	PCDU/FPMEC1_Pwr-1	RTN	FPMEC1	FPMEC1P30	4	PWR	I	NOM
PWR	DB01	P05	17	PCDU	PCDUP10	12	PCDU/FPMEC1_Pwr-2	ACT	FPMEC1	FPMEC1P30	7	PWR	I	NOM
PWR	DB01	P05	18	PCDU	PCDUP10	31	PCDU/FPMEC1_Pwr-2	RTN	FPMEC1	FPMEC1P30	9	PWR	I	NOM
PWR	DB01	P05	21	PCDU	PCDUP28	07	PCDU/FHHRV_Pwr	ACT	FHHRV	FHHRVP01	2	PWR	I	NOM
PWR	DB01	P05	21	PCDU	PCDUP28	07	PCDU/FHHRV_Pwr	ACT	FHHRV	FHHRVP01	2	PWR	I	NOM
PWR	DB01	P05	22	PCDU	PCDUP28	26	PCDU/FHHRV_Pwr	RTN	FHHRV	FHHRVP01	4	PWR	I	NOM
PWR	DB01	P05	22	PCDU	PCDUP28	26	PCDU/FHHRV_Pwr	RTN	FHHRV	FHHRVP01	4	PWR	I	NOM
PWR	DB01	P05	23	PCDU	PCDUP14	01	HU1/PCDU_+28V_Aux_IN-1_Pwr	ACT	HU1	HU1J01	29	PWR	I	NOM
PWR	DB01	P05	24	PCDU	PCDUP14	14	HU1/PCDU_+28V_Aux_IN-1_Pwr	RTN	HU1	HU1J01	49	PWR	I	NOM
PWR	DB01	P05	29	PCDU	PCDUP15	01	HU1/PCDU_+28V_Aux_IN-2_Pwr	ACT	HU1	HU1J01	50	PWR	I	NOM
PWR	DB01	P05	30	PCDU	PCDUP15	14	HU1/PCDU_+28V_Aux_IN-2_Pwr	RTN	HU1	HU1J01	30	PWR	I	NOM
PWR	DB01	P05	35	PCDU	PCDUP18	01	HU1/PCDU_+28V_Aux_IN-3_Pwr	ACT	HU1	HU1J01	28	PWR	I	NOM
PWR	DB01	P05	36	PCDU	PCDUP18	14	HU1/PCDU_+28V_Aux_IN-3_Pwr	RTN	HU1	HU1J01	51	PWR	I	NOM
PWR	DB01	P05	39	PCDU	PCDUP27	01	PCDU/CBPLM_Telescope_Htr_Deco-9_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	17	PWR	I	NOM
PWR	DB01	P05	40	PCDU	PCDUP27	14	PCDU/CBPLM_Telescope_Htr_Deco-9_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	36	PWR	I	NOM
PWR	DB01	P05	43	PCDU	PCDUP30	01	PCDU/XPND1_Rx_Pwr-1	ACT	XPND1	XPND1P04	15	PWR	I	NOM
PWR	DB01	P05	44	PCDU	PCDUP30	20	PCDU/XPND1_Rx_Pwr-1	RTN	XPND1	XPND1P04	08	PWR	I	NOM
PWR	DB01	P05	45	PCDU	PCDUP30	02	PCDU/XPND1_Rx_Pwr-2	ACT	XPND1	XPND1P05	15	PWR	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P05	46	PCDU	PCDUP30	21	PCDU/XPND1_Rx_Pwr-2	RTN	XPND1	XPND1P05	08	PWR	I	NOM
PWR	DB01	P05	47	PCDU	PCDUP30	05	PCDU/FPDPU_Nom_Pwr-1	ACT	FPDPU	FPDPUP01	2	PWR	I	NOM
PWR	DB01	P05	48	PCDU	PCDUP30	24	PCDU/FPDPU_Nom_Pwr-1	RTN	FPDPU	FPDPUP01	4	PWR	I	NOM
PWR	DB01	P05	49	PCDU	PCDUP30	06	PCDU/FPDPU_Nom_Pwr-2	ACT	FPDPU	FPDPUP01	7	PWR	I	NOM
PWR	DB01	P05	50	PCDU	PCDUP30	25	PCDU/FPDPU_Nom_Pwr-2	RTN	FPDPU	FPDPUP01	9	PWR	I	NOM

5.1.6 DB01 P06 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P06	1	PCDU	PCDUP30	09	PCDU/FHLCU_Nom_Pwr	ACT	FHLCU	FHLCUP01	2	PWR	I	NOM
PWR	DB01	P06	2	PCDU	PCDUP30	28	PCDU/FHLCU_Nom_Pwr	RTN	FHLCU	FHLCUP01	4	PWR	I	NOM
PWR	DB01	P06	5	PCDU	PCDUP31	08	PCDU/CBPLM_Telescope_Htr_Deco-6_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	11	PWR	I	NOM
PWR	DB01	P06	6	PCDU	PCDUP31	20	PCDU/CBPLM_Telescope_Htr_Deco-6_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	30	PWR	I	NOM
PWR	DB01	P06	7	PCDU	PCDUP32	03	PCDU/FHWEH_Pwr	ACT	FHWEH	FHWEHP03	2	PWR	I	NOM
PWR	DB01	P06	8	PCDU	PCDUP32	22	PCDU/FHWEH_Pwr	RTN	FHWEH	FHWEHP03	4	PWR	I	NOM
PWR	DB01	P06	11	PCDU	PCDUP32	05	PCDU/VMC_Pwr	ACT	VMC	VMCP01	4	PWR	I	NOM
PWR	DB01	P06	12	PCDU	PCDUP32	24	PCDU/VMC_Pwr	RTN	VMC	VMCP01	3	PWR	I	NOM
PWR	DB01	P06	13	PCDU	PCDUP32	09	PCDU/FPBOLC_Nom_Pwr-1	ACT	FPBOLC	FPBOLCP25	2	PWR	I	NOM
PWR	DB01	P06	14	PCDU	PCDUP32	28	PCDU/FPBOLC_Nom_Pwr-1	RTN	FPBOLC	FPBOLCP25	4	PWR	I	NOM
PWR	DB01	P06	17	PCDU	PCDUP32	10	PCDU/FPBOLC_Nom_Pwr-2	ACT	FPBOLC	FPBOLCP25	7	PWR	I	NOM
PWR	DB01	P06	18	PCDU	PCDUP32	29	PCDU/FPBOLC_Nom_Pwr-2	RTN	FPBOLC	FPBOLCP25	9	PWR	I	NOM
PWR	DB01	P06	19	PCDU	PCDUP33	08	PCDU/CBPLM_Telescope_Htr_Deco-4_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	07	PWR	I	NOM
PWR	DB01	P06	20	PCDU	PCDUP33	20	PCDU/CBPLM_Telescope_Htr_Deco-4_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	26	PWR	I	NOM
PWR	DB01	P06	21	PCDU	PCDUP34	03	PCDU/GYR_A_Pwr	ACT	GYR	GYRP01A	33	PWR	I	NOM
PWR	DB01	P06	22	PCDU	PCDUP34	22	PCDU/GYR_A_Pwr	RTN	GYR	GYRP01A	57	PWR	I	NOM
PWR	DB01	P06	25	PCDU	PCDUP35	01	PCDU/CBPLM_Telescope_Htr_Deco-2_Nom_Pwr	ACT	CBPLM1B	CBPLM1BJ01	03	PWR	I	NOM
PWR	DB01	P06	26	PCDU	PCDUP35	14	PCDU/CBPLM_Telescope_Htr_Deco-2_Nom_Pwr	RTN	CBPLM1B	CBPLM1BJ01	22	PWR	I	NOM
PWR	DB01	P06	27	PCDU	PCDUP36	07	PCDU/STR1_Pwr	ACT	STR1	STR1P01	03	PWR	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P06	28	PCDU	PCDUP36	26	PCDU/STR1_Pwr	RTN	STR1	STR1P01	01	PWR	I	NOM
PWR	DB01	P06	29	SK02	SK02J07	03	EGSE/PT_Sensor_Pwr	ACT	PT	PTP01	A	PT_Pwr	I	NOM
PWR	DB01	P06	30	SK02	SK02J07	04	EGSE/PT_Sensor_Pwr	RTN	PT	PTP01	B	PT_Pwr	I	NOM
PWR	DB01	P06	31	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N09	THR_20N09P02	Black	PWR	I	NOM
PWR	DB01	P06	32	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N09	THR_20N09P02	Black	PWR	I	NOM
PWR	DB01	P06	33	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N04	THR_20N04P02	Black	PWR	I	NOM
PWR	DB01	P06	34	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N04	THR_20N04P02	Black	PWR	I	NOM
PWR	DB01	P06	35	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N10	THR_20N10P02	Black	PWR	I	NOM
PWR	DB01	P06	36	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N10	THR_20N10P02	Black	PWR	I	NOM
PWR	DB01	P06	37	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N12	THR_20N12P02	Black	PWR	I	NOM
PWR	DB01	P06	38	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N12	THR_20N12P02	Black	PWR	I	NOM
PWR	DB01	P06	39	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N03	THR_20N03P02	Black	PWR	I	NOM
PWR	DB01	P06	40	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N03	THR_20N03P02	Black	PWR	I	NOM
PWR	DB01	P06	41	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N11	THR_20N11P02	Black	PWR	I	NOM
PWR	DB01	P06	42	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N11	THR_20N11P02	Black	PWR	I	NOM
PWR	DB01	P06	43	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N02	THR_20N02P02	Black	PWR	I	NOM
PWR	DB01	P06	44	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N08	THR_20N08P02	Black	PWR	I	NOM
PWR	DB01	P06	45	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N01	THR_20N01P02	Black	PWR	I	NOM
PWR	DB01	P06	46	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N07	THR_20N07P02	Black	PWR	I	NOM
PWR	DB01	P06	47	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N06	THR_20N06P02	Black	PWR	I	NOM
PWR	DB01	P06	48	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N06	THR_20N06P02	Black	PWR	I	NOM
PWR	DB01	P06	49	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N05	THR_20N05P02	Black	PWR	I	NOM
PWR	DB01	P06	50	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N05	THR_20N05P02	Black	PWR	I	NOM

5.1.7 DB01 P07 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P07	1	PCDU	PCDUP01	01	PCDU/CBPLM_Telescope_Htr_Deco-1_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	01	PWR	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P07	2	PCDU	PCDUP01	14	PCDU/CBPLM_Telescope_Htr_Deco-1_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	20	PWR	I	RED
PWR	DB01	P07	5	PCDU	PCDUP02	07	PCDU/STR2_Pwr	ACT	STR2	STR2P01	03	PWR	I	RED
PWR	DB01	P07	6	PCDU	PCDUP02	26	PCDU/STR2_Pwr	RTN	STR2	STR2P01	01	PWR	I	RED
PWR	DB01	P07	9	PCDU	PCDUP08	10	PCDU/FHLCU_Red_Pwr	ACT	FHLCU	FHLCUP21	7	PWR	I	RED
PWR	DB01	P07	10	PCDU	PCDUP08	29	PCDU/FHLCU_Red_Pwr	RTN	FHLCU	FHLCUP21	9	PWR	I	RED
PWR	DB01	P07	11	PCDU	PCDUP03	01	PCDU/CBPLM_Telescope_Htr_Deco-3_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	05	PWR	I	RED
PWR	DB01	P07	12	PCDU	PCDUP03	14	PCDU/CBPLM_Telescope_Htr_Deco-3_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	24	PWR	I	RED
PWR	DB01	P07	15	PCDU	PCDUP04	03	PCDU/GYR_B_Pwr	ACT	GYR	GYRP01B	33	PWR	I	RED
PWR	DB01	P07	16	PCDU	PCDUP04	22	PCDU/GYR_B_Pwr	RTN	GYR	GYRP01B	57	PWR	I	RED
PWR	DB01	P07	19	PCDU	PCDUP05	01	PCDU/CBPLM_Telescope_Htr_Deco-5_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	09	PWR	I	RED
PWR	DB01	P07	20	PCDU	PCDUP05	14	PCDU/CBPLM_Telescope_Htr_Deco-5_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	28	PWR	I	RED
PWR	DB01	P07	23	PCDU	PCDUP06	09	PCDU/FPBOLC_Red_Pwr-1	ACT	FPBOLC	FPBOLCP26	2	PWR	I	RED
PWR	DB01	P07	24	PCDU	PCDUP06	28	PCDU/FPBOLC_Red_Pwr-1	RTN	FPBOLC	FPBOLCP26	4	PWR	I	RED
PWR	DB01	P07	27	PCDU	PCDUP06	10	PCDU/FPBOLC_Red_Pwr-2	ACT	FPBOLC	FPBOLCP26	7	PWR	I	RED
PWR	DB01	P07	28	PCDU	PCDUP06	29	PCDU/FPBOLC_Red_Pwr-2	RTN	FPBOLC	FPBOLCP26	9	PWR	I	RED
PWR	DB01	P07	31	PCDU	PCDUP07	01	PCDU/CBPLM_Telescope_Htr_Deco-7_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	13	PWR	I	RED
PWR	DB01	P07	32	PCDU	PCDUP07	14	PCDU/CBPLM_Telescope_Htr_Deco-7_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	32	PWR	I	RED
PWR	DB01	P07	35	PCDU	PCDUP08	01	PCDU/XPND2_Rx_Pwr-1	ACT	XPND2	XPND2P04	15	PWR	I	RED
PWR	DB01	P07	36	PCDU	PCDUP08	20	PCDU/XPND2_Rx_Pwr-1	RTN	XPND2	XPND2P04	08	PWR	I	RED
PWR	DB01	P07	37	PCDU	PCDUP08	02	PCDU/XPND2_Rx_Pwr-2	ACT	XPND2	XPND2P05	15	PWR	I	RED
PWR	DB01	P07	38	PCDU	PCDUP08	21	PCDU/XPND2_Rx_Pwr-2	RTN	XPND2	XPND2P05	08	PWR	I	RED
PWR	DB01	P07	41	PCDU	PCDUP08	05	PCDU/FPDPU_Red_Pwr-1	ACT	FPDPU	FPDPUP02	2	PWR	I	RED
PWR	DB01	P07	42	PCDU	PCDUP08	24	PCDU/FPDPU_Red_Pwr-1	RTN	FPDPU	FPDPUP02	4	PWR	I	RED
PWR	DB01	P07	43	PCDU	PCDUP08	06	PCDU/FPDPU_Red_Pwr-2	ACT	FPDPU	FPDPUP02	7	PWR	I	RED
PWR	DB01	P07	44	PCDU	PCDUP08	25	PCDU/FPDPU_Red_Pwr-2	RTN	FPDPU	FPDPUP02	9	PWR	I	RED
PWR	DB01	P07	45	PCDU	PCDUP08	09	PCDU/FHLCU_Red_Pwr	ACT	FHLCU	FHLCUP21	2	PWR	I	RED
PWR	DB01	P07	46	PCDU	PCDUP08	28	PCDU/FHLCU_Red_Pwr	RTN	FHLCU	FHLCUP21	4	PWR	I	RED

5.1.8 DB01 P08 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P08	1	PCDU	PCDUP09	08	PCDU/CBPLM_Telescope_Htr_Deco-8_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	15	PWR	I	RED
PWR	DB01	P08	2	PCDU	PCDUP09	20	PCDU/CBPLM_Telescope_Htr_Deco-8_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	34	PWR	I	RED
PWR	DB01	P08	7	PCDU	PCDUP32	35	PCDU/CBPLM_NCA_Red_Pwr_3	RTN	CBPLM1A	CBPLM1AJ02	08	PWR	I	RED
PWR	DB01	P08	8	PCDU	PCDUP32	35	PCDU/CBPLM_NCA_Red_Pwr_4	RTN	CBPLM1A	CBPLM1AJ02	05	PWR	I	RED
PWR	DB01	P08	11	PCDU	PCDUP19	01	HU2/PCDU_+28V_Aux_IN-4_Pwr	ACT	HU2	HU2J01	29	PWR	I	RED
PWR	DB01	P08	12	PCDU	PCDUP19	14	HU2/PCDU_+28V_Aux_IN-4_Pwr	RTN	HU2	HU2J01	49	PWR	I	RED
PWR	DB01	P08	17	PCDU	PCDUP22	01	HU2/PCDU_+28V_Aux_IN-5_Pwr	ACT	HU2	HU2J01	50	PWR	I	RED
PWR	DB01	P08	18	PCDU	PCDUP22	14	HU2/PCDU_+28V_Aux_IN-5_Pwr	RTN	HU2	HU2J01	30	PWR	I	RED
PWR	DB01	P08	23	PCDU	PCDUP23	01	HU2/PCDU_+28V_Aux_IN-6_Pwr	ACT	HU2	HU2J01	28	PWR	I	RED
PWR	DB01	P08	24	PCDU	PCDUP23	14	HU2/PCDU_+28V_Aux_IN-6_Pwr	RTN	HU2	HU2J01	51	PWR	I	RED
PWR	DB01	P08	27	PCDU	PCDUP32	16	PCDU/CBPLM_NCA_Red_Pwr_3	ACT	CBPLM1A	CBPLM1AJ02	04	PWR	I	RED
PWR	DB01	P08	28	PCDU	PCDUP32	16	PCDU/CBPLM_NCA_Red_Pwr_4	ACT	CBPLM1A	CBPLM1AJ02	09	PWR	I	RED
PWR	DB01	P08	29	PCDU	PCDUP27	01	PCDU/CBPLM_Telescope_Htr_Deco-9_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	17	PWR	I	RED
PWR	DB01	P08	30	PCDU	PCDUP27	14	PCDU/CBPLM_Telescope_Htr_Deco-9_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	36	PWR	I	RED
PWR	DB01	P08	33	PCDU	PCDUP27	02	PCDU/HEATER_Htr_Line26_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P08	34	PCDU	PCDUP27	15	PCDU/HEATER_Htr_Line26_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P08	35	PCDU	PCDUP27	03	PCDU/HEATER_Htr_Line33_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P08	36	PCDU	PCDUP27	16	PCDU/HEATER_Htr_Line33_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P08	37	PCDU	PCDUP27	04	PCDU/HEATER_Htr_Line20_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P08	38	PCDU	PCDUP27	17	PCDU/HEATER_Htr_Line20_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P08	39	PCDU	PCDUP27	05	PCDU/HEATER_Htr_Line14_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P08	40	PCDU	PCDUP27	18	PCDU/HEATER_Htr_Line14_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P08	41	PCDU	PCDUP27	06	PCDU/HEATER_Htr_Line25_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P08	42	PCDU	PCDUP27	19	PCDU/HEATER_Htr_Line25_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P08	43	PCDU	PCDUP27	08	PCDU/HEATER_Htr_Line13_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P08	44	PCDU	PCDUP27	20	PCDU/HEATER_Htr_Line13_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P08	47	PCDU	PCDUP27	09	PCDU/HEATER_Htr_Line34_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P08	48	PCDU	PCDUP27	21	PCDU/HEATER_Htr_Line34_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P08	49	PCDU	PCDUP27	10	PCDU/HEATER_Htr_Line35_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P08	50	PCDU	PCDUP27	22	PCDU/HEATER_Htr_Line35_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED

5.1.9 DB01 P09 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P09	1	PCDU	PCDUP27	11	PCDU/HEATER_Htr_Line36_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	2	PCDU	PCDUP27	23	PCDU/HEATER_Htr_Line36_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	3	PCDU	PCDUP27	12	PCDU/HEATER_Htr_Line37_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	4	PCDU	PCDUP27	24	PCDU/HEATER_Htr_Line37_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	5	PCDU	PCDUP27	13	PCDU/HEATER_Htr_Line19_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	6	PCDU	PCDUP27	25	PCDU/HEATER_Htr_Line19_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	9	PCDU	PCDUP28	03	PCDU/FPSPU2_Pwr-1	ACT	FPSPU2	FPSPU2P11	2	PWR	I	RED
PWR	DB01	P09	10	PCDU	PCDUP28	22	PCDU/FPSPU2_Pwr-1	RTN	FPSPU2	FPSPU2P11	4	PWR	I	RED
PWR	DB01	P09	11	PCDU	PCDUP28	04	PCDU/FPSPU2_Pwr-2	ACT	FPSPU2	FPSPU2P11	1	PWR	I	RED
PWR	DB01	P09	12	PCDU	PCDUP28	23	PCDU/FPSPU2_Pwr-2	RTN	FPSPU2	FPSPU2P11	5	PWR	I	RED
PWR	DB01	P09	15	PCDU	PCDUP28	09	PCDU/FHICU_Red_Pwr	ACT	FHICU	FHICUP02	2	PWR	I	RED
PWR	DB01	P09	15	PCDU	PCDUP28	09	PCDU/FHICU_Red_Pwr	ACT	FHICU	FHICUP02	2	PWR	I	RED
PWR	DB01	P09	16	PCDU	PCDUP28	28	PCDU/FHICU_Red_Pwr	RTN	FHICU	FHICUP02	4	PWR	I	RED
PWR	DB01	P09	16	PCDU	PCDUP28	28	PCDU/FHICU_Red_Pwr	RTN	FHICU	FHICUP02	4	PWR	I	RED
PWR	DB01	P09	19	PCDU	PCDUP28	11	PCDU/FPMEC2_Pwr-1	ACT	FPMEC2	FPMEC2P130	2	PWR	I	RED
PWR	DB01	P09	20	PCDU	PCDUP28	30	PCDU/FPMEC2_Pwr-1	RTN	FPMEC2	FPMEC2P130	4	PWR	I	RED
PWR	DB01	P09	23	PCDU	PCDUP28	12	PCDU/FPMEC2_Pwr-2	ACT	FPMEC2	FPMEC2P130	7	PWR	I	RED
PWR	DB01	P09	24	PCDU	PCDUP28	31	PCDU/FPMEC2_Pwr-2	RTN	FPMEC2	FPMEC2P130	9	PWR	I	RED
PWR	DB01	P09	27	PCDU	PCDUP29	01	PCDU/HEATER_Htr_Line27_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	28	PCDU	PCDUP29	14	PCDU/HEATER_Htr_Line27_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	31	PCDU	PCDUP29	03	PCDU/HEATER_Htr_Line16_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	32	PCDU	PCDUP29	16	PCDU/HEATER_Htr_Line16_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	33	PCDU	PCDUP29	04	PCDU/HEATER_Htr_Line17_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	34	PCDU	PCDUP29	17	PCDU/HEATER_Htr_Line17_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	35	PCDU	PCDUP29	05	PCDU/HEATER_Htr_Line31_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	36	PCDU	PCDUP29	18	PCDU/HEATER_Htr_Line31_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P09	37	PCDU	PCDUP29	06	PCDU/HEATER_Htr_Line32_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	38	PCDU	PCDUP29	19	PCDU/HEATER_Htr_Line32_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	41	PCDU	PCDUP29	09	PCDU/HEATER_Htr_Line22_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	42	PCDU	PCDUP29	21	PCDU/HEATER_Htr_Line22_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	43	PCDU	PCDUP29	10	PCDU/HEATER_Htr_Line23_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	44	PCDU	PCDUP29	22	PCDU/HEATER_Htr_Line23_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	45	PCDU	PCDUP29	11	PCDU/HEATER_Htr_Line24_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	46	PCDU	PCDUP29	23	PCDU/HEATER_Htr_Line24_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	47	PCDU	PCDUP29	12	PCDU/HEATER_Htr_Line28_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	48	PCDU	PCDUP29	24	PCDU/HEATER_Htr_Line28_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P09	49	PCDU	PCDUP29	13	PCDU/HEATER_Htr_Line21_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P09	50	PCDU	PCDUP29	25	PCDU/HEATER_Htr_Line21_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED

5.1.10 DB01 P10 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P10	5	PCDU	PCDUP30	07	PCDU/HSFCU_Red_Pwr	ACT	HSFCU	HSFCUP06	02	PWR	I	RED
PWR	DB01	P10	5	PCDU	PCDUP30	07	PCDU/HSFCU_Red_Pwr	ACT	HSFCU	HSFCUP06	02	PWR	I	RED
PWR	DB01	P10	6	PCDU	PCDUP30	26	PCDU/HSFCU_Red_Pwr	RTN	HSFCU	HSFCUP06	04	PWR	I	RED
PWR	DB01	P10	6	PCDU	PCDUP30	26	PCDU/HSFCU_Red_Pwr	RTN	HSFCU	HSFCUP06	04	PWR	I	RED
PWR	DB01	P10	13	PCDU	PCDUP32	34	PCDU/CBPLM_NCA_Red_Pwr_1	RTN	CBPLM1A	CBPLM1AJ02	06	PWR	I	RED
PWR	DB01	P10	14	PCDU	PCDUP32	34	PCDU/CBPLM_NCA_Red_Pwr_2	RTN	CBPLM1A	CBPLM1AJ02	03	PWR	I	RED
PWR	DB01	P10	15	PCDU	PCDUP31	01	PCDU/HEATER_Htr_Line49_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	16	PCDU	PCDUP31	14	PCDU/HEATER_Htr_Line49_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	17	PCDU	PCDUP31	02	PCDU/HEATER_Htr_Line18_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	18	PCDU	PCDUP31	15	PCDU/HEATER_Htr_Line18_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	19	PCDU	PCDUP31	03	PCDU/HEATER_Htr_Line15_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	20	PCDU	PCDUP31	16	PCDU/HEATER_Htr_Line15_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P10	21	PCDU	PCDUP31	04	PCDU/HEATER_Htr_Line44_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	22	PCDU	PCDUP31	17	PCDU/HEATER_Htr_Line44_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	23	PCDU	PCDUP31	05	PCDU/HEATER_Htr_Line47_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	24	PCDU	PCDUP31	18	PCDU/HEATER_Htr_Line47_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	25	PCDU	PCDUP31	06	PCDU/HEATER_Htr_Line48_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	26	PCDU	PCDUP31	19	PCDU/HEATER_Htr_Line48_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	27	PCDU	PCDUP31	08	PCDU/CBPLM_Telescope_Htr_Deco-6_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	11	PWR	I	RED
PWR	DB01	P10	28	PCDU	PCDUP31	20	PCDU/CBPLM_Telescope_Htr_Deco-6_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	30	PWR	I	RED
PWR	DB01	P10	31	PCDU	PCDUP31	09	PCDU/HEATER_Htr_Line12_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	32	PCDU	PCDUP31	21	PCDU/HEATER_Htr_Line12_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	33	PCDU	PCDUP31	10	PCDU/HEATER_Htr_Line45_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	34	PCDU	PCDUP31	22	PCDU/HEATER_Htr_Line45_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	35	PCDU	PCDUP31	11	PCDU/HEATER_Htr_Line29_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	36	PCDU	PCDUP31	23	PCDU/HEATER_Htr_Line29_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	37	PCDU	PCDUP31	12	PCDU/HEATER_Htr_Line30_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	38	PCDU	PCDUP31	24	PCDU/HEATER_Htr_Line30_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	39	PCDU	PCDUP31	13	PCDU/HEATER_Htr_Line46_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P10	40	PCDU	PCDUP31	25	PCDU/HEATER_Htr_Line46_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P10	43	PCDU	PCDUP32	07	PCDU/HSDPU_Red_Pwr	ACT	HSDPU	HSDPUP02	02	PWR	I	RED
PWR	DB01	P10	44	PCDU	PCDUP32	26	PCDU/HSDPU_Red_Pwr	RTN	HSDPU	HSDPUP02	04	PWR	I	RED
PWR	DB01	P10	49	PCDU	PCDUP32	15	PCDU/CBPLM_NCA_Red_Pwr_1	ACT	CBPLM1A	CBPLM1AJ02	02	PWR	I	RED
PWR	DB01	P10	50	PCDU	PCDUP32	15	PCDU/CBPLM_NCA_Red_Pwr_2	ACT	CBPLM1A	CBPLM1AJ02	07	PWR	I	RED

5.1.11 DB01 P11 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P11	1	PCDU	PCDUP33	01	PCDU/HEATER_Htr_Line6_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	2	PCDU	PCDUP33	14	PCDU/HEATER_Htr_Line6_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P11	3	PCDU	PCDUP33	02	PCDU/HEATER_Htr_Line7_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	4	PCDU	PCDUP33	15	PCDU/HEATER_Htr_Line7_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	5	PCDU	PCDUP33	03	PCDU/HEATER_Htr_Line8_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	6	PCDU	PCDUP33	16	PCDU/HEATER_Htr_Line8_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	7	PCDU	PCDUP33	04	PCDU/HEATER_Htr_Line9_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	8	PCDU	PCDUP33	17	PCDU/HEATER_Htr_Line9_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	9	PCDU	PCDUP33	05	PCDU/HEATER_Htr_Line10_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	10	PCDU	PCDUP33	18	PCDU/HEATER_Htr_Line10_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	11	PCDU	PCDUP33	06	PCDU/HEATER_Htr_Line38_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	12	PCDU	PCDUP33	19	PCDU/HEATER_Htr_Line38_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	13	PCDU	PCDUP33	08	PCDU/CBPLM_Telescope_Htr_Deco-4_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	07	PWR	I	RED
PWR	DB01	P11	14	PCDU	PCDUP33	20	PCDU/CBPLM_Telescope_Htr_Deco-4_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	26	PWR	I	RED
PWR	DB01	P11	15	PCDU	PCDUP33	09	PCDU/HEATER_Htr_Line41_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	16	PCDU	PCDUP33	21	PCDU/HEATER_Htr_Line41_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	17	PCDU	PCDUP33	10	PCDU/HEATER_Htr_Line42_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	18	PCDU	PCDUP33	22	PCDU/HEATER_Htr_Line42_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	19	PCDU	PCDUP33	11	PCDU/HEATER_Htr_Line43_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	20	PCDU	PCDUP33	23	PCDU/HEATER_Htr_Line43_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	21	PCDU	PCDUP33	12	PCDU/HEATER_Htr_Line5_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	22	PCDU	PCDUP33	24	PCDU/HEATER_Htr_Line5_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	23	PCDU	PCDUP33	13	PCDU/HEATER_Htr_Line4_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P11	24	PCDU	PCDUP33	25	PCDU/HEATER_Htr_Line4_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P11	27	PCDU	PCDUP34	07	PCDU/XPND2_Tx_Pwr-1	ACT	XPND2	XPND2P04	09	PWR	I	RED
PWR	DB01	P11	28	PCDU	PCDUP34	26	PCDU/XPND2_Tx_Pwr-1	RTN	XPND2	XPND2P04	01	PWR	I	RED
PWR	DB01	P11	29	PCDU	PCDUP34	08	PCDU/XPND2_Tx_Pwr-2	ACT	XPND2	XPND2P05	09	PWR	I	RED
PWR	DB01	P11	30	PCDU	PCDUP34	27	PCDU/XPND2_Tx_Pwr-2	RTN	XPND2	XPND2P05	01	PWR	I	RED
PWR	DB01	P11	31	PCDU	PCDUP34	11	PCDU/EPC2_Pwr-1	ACT	EPC2	EPC2P01	02	PWR	I	RED
PWR	DB01	P11	32	PCDU	PCDUP34	30	PCDU/EPC2_Pwr-1	RTN	EPC2	EPC2P01	05	PWR	I	RED
PWR	DB01	P11	33	PCDU	PCDUP34	12	PCDU/EPC2_Pwr-2	ACT	EPC2	EPC2P02	02	PWR	I	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P11	34	PCDU	PCDUP34	31	PCDU/EPC2_Pwr-2	RTN	EPC2	EPC2P02	04	PWR	I	RED
PWR	DB01	P11	35	PCDU	PCDUP34	13	PCDU/RWL2_Pwr-1	ACT	RWL2	RWL2P01	01	PWR	I	RED
PWR	DB01	P11	36	PCDU	PCDUP34	32	PCDU/RWL2_Pwr-1	RTN	RWL2	RWL2P01	04	PWR	I	RED
PWR	DB01	P11	37	PCDU	PCDUP34	14	PCDU/RWL2_Pwr-2	ACT	RWL2	RWL2P01	06	PWR	I	RED
PWR	DB01	P11	38	PCDU	PCDUP34	33	PCDU/RWL2_Pwr-2	RTN	RWL2	RWL2P01	09	PWR	I	RED

5.1.12 DB01 P12 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P12	1	PCDU	PCDUP35	01	PCDU/CBPLM_Telescope_Htr_Deco-2_Red_Pwr	ACT	CBPLM1B	CBPLM1BJ02	03	PWR	I	RED
PWR	DB01	P12	2	PCDU	PCDUP35	14	PCDU/CBPLM_Telescope_Htr_Deco-2_Red_Pwr	RTN	CBPLM1B	CBPLM1BJ02	22	PWR	I	RED
PWR	DB01	P12	5	PCDU	PCDUP35	02	PCDU/HEATER_Htr_Line2_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P12	6	PCDU	PCDUP35	15	PCDU/HEATER_Htr_Line2_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P12	7	PCDU	PCDUP35	03	PCDU/HEATER_Htr_Line39_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P12	8	PCDU	PCDUP35	16	PCDU/HEATER_Htr_Line39_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P12	9	PCDU	PCDUP35	04	PCDU/HEATER_Htr_Line40_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P12	10	PCDU	PCDUP35	17	PCDU/HEATER_Htr_Line40_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P12	11	PCDU	PCDUP35	05	PCDU/HEATER_Htr_Line11_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P12	12	PCDU	PCDUP35	18	PCDU/HEATER_Htr_Line11_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P12	13	PCDU	PCDUP35	06	PCDU/HEATER_Htr_Line1_Red_Pwr	ACT	HEATER	N/A	FL1	PWR	I	RED
PWR	DB01	P12	14	PCDU	PCDUP35	19	PCDU/HEATER_Htr_Line1_Red_Pwr	RTN	HEATER	N/A	FL2	PWR	I	RED
PWR	DB01	P12	19	PCDU	PCDUP36	03	PCDU/CCU_B_Pwr	ACT	CCU	CCUP26	02	PWR	I	RED
PWR	DB01	P12	20	PCDU	PCDUP36	22	PCDU/CCU_B_Pwr	RTN	CCU	CCUP26	09	PWR	I	RED
PWR	DB01	P12	25	PCDU	PCDUP36	09	PCDU/CRS2_Pwr	ACT	CRS2	CRS2P01	01	PWR	I	RED
PWR	DB01	P12	26	PCDU	PCDUP36	28	PCDU/CRS2_Pwr	RTN	CRS2	CRS2P01	03	PWR	I	RED
PWR	DB01	P12	27	PCDU	PCDUP36	13	PCDU/RWL4_Pwr-1	ACT	RWL4	RWL4P01	01	PWR	I	RED
PWR	DB01	P12	28	PCDU	PCDUP36	32	PCDU/RWL4_Pwr-1	RTN	RWL4	RWL4P01	04	PWR	I	RED
PWR	DB01	P12	29	PCDU	PCDUP36	14	PCDU/RWL4_Pwr-2	ACT	RWL4	RWL4P01	06	PWR	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P12	30	PCDU	PCDUP36	33	PCDU/RWL4_Pwr-2	RTN	RWL4	RWL4P01	09	PWR	I	RED
PWR	DB01	P12	31	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N04	THR_20N04P02	Black	PWR	I	RED
PWR	DB01	P12	32	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N04	THR_20N04P02	Black	PWR	I	RED
PWR	DB01	P12	33	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N05	THR_20N05P02	Black	PWR	I	RED
PWR	DB01	P12	34	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N05	THR_20N05P02	Black	PWR	I	RED
PWR	DB01	P12	35	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N10	THR_20N10P02	Black	PWR	I	RED
PWR	DB01	P12	36	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N10	THR_20N10P02	Black	PWR	I	RED
PWR	DB01	P12	37	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N03	THR_20N03P02	Black	PWR	I	RED
PWR	DB01	P12	38	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N03	THR_20N03P02	Black	PWR	I	RED
PWR	DB01	P12	39	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N02	THR_20N02P02	Black	PWR	I	RED
PWR	DB01	P12	40	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N08	THR_20N08P02	Black	PWR	I	RED
PWR	DB01	P12	41	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N12	THR_20N12P02	Black	PWR	I	RED
PWR	DB01	P12	42	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N12	THR_20N12P02	Black	PWR	I	RED
PWR	DB01	P12	43	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N06	THR_20N06P02	Black	PWR	I	RED
PWR	DB01	P12	44	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N06	THR_20N06P02	Black	PWR	I	RED
PWR	DB01	P12	45	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N11	THR_20N11P02	Black	PWR	I	RED
PWR	DB01	P12	46	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N11	THR_20N11P02	Black	PWR	I	RED
PWR	DB01	P12	47	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N01	THR_20N01P02	Black	PWR	I	RED
PWR	DB01	P12	48	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N07	THR_20N07P02	Black	PWR	I	RED
PWR	DB01	P12	49	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N09	THR_20N09P02	Black	PWR	I	RED
PWR	DB01	P12	50	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N09	THR_20N09P02	Black	PWR	I	RED

5.2 DB02 – PWR Dismountability Bracket Connectors

5.2.1 DB02 P01– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P01	1	ACC	ACCP033	57	HU2/ACC_RM_A_Sep_Strap7a_Alarm_Sts	ACT	HU2	HU2J01	21	DR_Mnt	II	NOM
PWR	DB02	P01	3	ACC	ACCP035	24	ACC/EGSE_RWL1_ON_Nom_Cmd	ACT	SK04	SK04J01	10	HP_Cmd	II	NOM
PWR	DB02	P01	4	ACC	ACCP035	25	ACC/EGSE_RWL1_OFF_Nom_Cmd	ACT	SK04	SK04J01	17	HP_Cmd	II	NOM
PWR	DB02	P01	5	ACC	ACCP035	30	ACC/EGSE_RWL3_ON_Nom_Cmd	ACT	SK04	SK04J03	10	HP_Cmd	II	NOM
PWR	DB02	P01	6	ACC	ACCP035	31	ACC/EGSE_RWL3_OFF_Nom_Cmd	ACT	SK04	SK04J03	17	HP_Cmd	II	NOM
PWR	DB02	P01	7	ACC	ACCP035	44	ACC/EGSE_RWL2_ON_Nom_Cmd	ACT	SK04	SK04J02	10	HP_Cmd	II	NOM
PWR	DB02	P01	8	ACC	ACCP035	45	ACC/EGSE_RWL2_OFF_Nom_Cmd	ACT	SK04	SK04J02	17	HP_Cmd	II	NOM
PWR	DB02	P01	9	ACC	ACCP035	50	ACC/EGSE_RWL4_ON_Nom_Cmd	ACT	SK04	SK04J04	10	HP_Cmd	II	NOM
PWR	DB02	P01	10	ACC	ACCP035	51	ACC/EGSE_RWL4_OFF_Nom_Cmd	ACT	SK04	SK04J04	17	HP_Cmd	II	NOM
PWR	DB02	P01	12	ACC	ACCP061	18	EGSE/ACC_RWL1_Motor_Current_Mnt	ACT	SK04	SK04J01	24	RWL-M	II	NOM
PWR	DB02	P01	13	ACC	ACCP061	44	HU2/ACC_Sep_Strap3b_Sts	ACT	HU2	HU2J01	13	DR_Mnt	II	NOM
PWR	DB02	P01	14	ACC	ACCP063	18	EGSE/ACC_RWL2_Motor_Current_Mnt	ACT	SK04	SK04J02	24	RWL-M	II	NOM
PWR	DB02	P01	16	ACC	ACCP101	17	ACC/EGSE_RWL1_Torque_Cmd	ACT	SK04	SK04J01	14	RWL-T	II	NOM
PWR	DB02	P01	17	ACC	ACCP101	18	ACC/EGSE_RWL1_Torque_Direction_Cmd	ACT	SK04	SK04J01	22	RWL-Td	II	NOM
PWR	DB02	P01	18	ACC	ACCP101	56	EGSE/ACC_RWL1_Tachometer_Mnt	ACT	SK04	SK04J01	32	RWL-S	II	NOM
PWR	DB02	P01	19	ACC	ACCP101	57	EGSE/ACC_RWL1_Speed_Direction_Mnt	ACT	SK04	SK04J01	29	RWL-Sd	II	NOM
PWR	DB02	P01	21	ACC	ACCP033	76	HU2/ACC_RM_A_Sep_Strap7a_Alarm_Sts	RTN	HU2	HU2J01	22	DR_Mnt	II	NOM
PWR	DB02	P01	23	ACC	ACCP035	23	ACC/EGSE_RWL1_ON_Nom_Cmd	RTN	SK04	SK04J01	11	HP_Cmd	II	NOM
PWR	DB02	P01	24	ACC	ACCP035	26	ACC/EGSE_RWL1_OFF_Nom_Cmd	RTN	SK04	SK04J01	18	HP_Cmd	II	NOM
PWR	DB02	P01	25	ACC	ACCP035	29	ACC/EGSE_RWL3_ON_Nom_Cmd	RTN	SK04	SK04J03	11	HP_Cmd	II	NOM
PWR	DB02	P01	26	ACC	ACCP035	32	ACC/EGSE_RWL3_OFF_Nom_Cmd	RTN	SK04	SK04J03	18	HP_Cmd	II	NOM
PWR	DB02	P01	27	ACC	ACCP035	43	ACC/EGSE_RWL2_ON_Nom_Cmd	RTN	SK04	SK04J02	11	HP_Cmd	II	NOM
PWR	DB02	P01	28	ACC	ACCP035	46	ACC/EGSE_RWL2_OFF_Nom_Cmd	RTN	SK04	SK04J02	18	HP_Cmd	II	NOM
PWR	DB02	P01	29	ACC	ACCP035	49	ACC/EGSE_RWL4_ON_Nom_Cmd	RTN	SK04	SK04J04	11	HP_Cmd	II	NOM
PWR	DB02	P01	30	ACC	ACCP035	52	ACC/EGSE_RWL4_OFF_Nom_Cmd	RTN	SK04	SK04J04	18	HP_Cmd	II	NOM



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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P01	32	ACC	ACCP061	38	EGSE/ACC_RWL1_Motor_Current_Mnt	RTN	SK04	SK04J01	31	RWL-M	II	NOM
PWR	DB02	P01	33	ACC	ACCP061	64	HU2/ACC_Sep_Strap3b_Sts	RTN	HU2	HU2J01	27	DR_Mnt	II	NOM
PWR	DB02	P01	34	ACC	ACCP063	38	EGSE/ACC_RWL2_Motor_Current_Mnt	RTN	SK04	SK04J02	31	RWL-M	II	NOM
PWR	DB02	P01	36	ACC	ACCP101	37	ACC/EGSE_RWL1_Torque_Cmd	RTN	SK04	SK04J01	21	RWL-T	II	NOM
PWR	DB02	P01	37	ACC	ACCP101	38	ACC/EGSE_RWL1_Torque_Direction_Cmd	RTN	SK04	SK04J01	23	RWL-Td	II	NOM
PWR	DB02	P01	38	ACC	ACCP101	76	EGSE/ACC_RWL1_Tachometer_Mnt	RTN	SK04	SK04J01	33	RWL-S	II	NOM
PWR	DB02	P01	39	ACC	ACCP101	77	EGSE/ACC_RWL1_Speed_Direction_Mnt	RTN	SK04	SK04J01	30	RWL-Sd	II	NOM
PWR	DB02	P01	40	ACC	ACCP101	58	EGSE/ACC_RWL1_ON/OFF_Sts	ACT	SK04	SK04J01	25	RWL-Psts	II	NOM
PWR	DB02	P01	42	ACC	ACCP103	17	ACC/EGSE_RWL2_Torque_Cmd	ACT	SK04	SK04J02	14	RWL-T	II	NOM
PWR	DB02	P01	43	ACC	ACCP103	18	ACC/EGSE_RWL2_Torque_Direction_Cmd	ACT	SK04	SK04J02	22	RWL-Td	II	NOM
PWR	DB02	P01	44	ACC	ACCP103	56	EGSE/ACC_RWL2_Tachometer_Mnt	ACT	SK04	SK04J02	32	RWL-S	II	NOM
PWR	DB02	P01	45	ACC	ACCP103	57	EGSE/ACC_RWL2_Speed_Direction_Mnt	ACT	SK04	SK04J02	29	RWL-Sd	II	NOM
PWR	DB02	P01	46	ACC	ACCP103	58	EGSE/ACC_RWL2_ON/OFF_Sts	ACT	SK04	SK04J02	25	RWL-Psts	II	NOM
PWR	DB02	P01	49	CDMU	CDMUP043	02	XPND1/CDMU_TC_Squelch	TRUE	XPND1	XPND1P06	03	SBDL	II	NOM
PWR	DB02	P01	50	CDMU	CDMUP043	03	XPND1/CDMU_TC_Clock	TRUE	XPND1	XPND1P06	05	SBDL	II	NOM
PWR	DB02	P01	51	CDMU	CDMUP043	04	XPND1/CDMU_TC_Data	TRUE	XPND1	XPND1P06	01	SBDL	II	NOM
PWR	DB02	P01	52	CDMU	CDMUP043	05	XPND1/CDMU_TC_RF_Lock	TRUE	XPND1	XPND1P06	07	SBDL	II	NOM
PWR	DB02	P01	53	CDMU	CDMUP043	06	HU1/CDMU_TC_Squelch	TRUE	HU1	HU1J01	34	SBDL	II	NOM
PWR	DB02	P01	55	CDMU	CDMUP043	07	CDMU/XPND1_TM_Clock	TRUE	XPND1	XPND1P06	11	SBDL	II	NOM
PWR	DB02	P01	56	CDMU	CDMUP043	08	CDMU/XPND1_TM_Data	TRUE	XPND1	XPND1P06	13	SBDL	II	NOM
PWR	DB02	P01	57	CDMU	CDMUP043	19	HU1/CDMU_RM_A_Sep_Strap5a_Alarm_Sts	ACT	HU1	HU1J01	21	DR_Mnt	II	NOM
PWR	DB02	P01	60	ACC	ACCP101	78	EGSE/ACC_RWL1_ON/OFF_Sts	RTN	SK04	SK04J01	26	RWL-Psts	II	NOM
PWR	DB02	P01	62	ACC	ACCP103	37	ACC/EGSE_RWL2_Torque_Cmd	RTN	SK04	SK04J02	21	RWL-T	II	NOM
PWR	DB02	P01	63	ACC	ACCP103	38	ACC/EGSE_RWL2_Torque_Direction_Cmd	RTN	SK04	SK04J02	23	RWL-Td	II	NOM
PWR	DB02	P01	64	ACC	ACCP103	76	EGSE/ACC_RWL2_Tachometer_Mnt	RTN	SK04	SK04J02	33	RWL-S	II	NOM
PWR	DB02	P01	65	ACC	ACCP103	77	EGSE/ACC_RWL2_Speed_Direction_Mnt	RTN	SK04	SK04J02	30	RWL-Sd	II	NOM
PWR	DB02	P01	66	ACC	ACCP103	78	EGSE/ACC_RWL2_ON/OFF_Sts	RTN	SK04	SK04J02	26	RWL-Psts	II	NOM
PWR	DB02	P01	69	CDMU	CDMUP043	21	XPND1/CDMU_TC_Squelch	COMP	XPND1	XPND1P06	16	SBDL	II	NOM
PWR	DB02	P01	70	CDMU	CDMUP043	22	XPND1/CDMU_TC_Clock	COMP	XPND1	XPND1P06	18	SBDL	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P01	71	CDMU	CDMUP043	23	XPND1/CDMU_TC_Data	COMP	XPND1	XPND1P06	14	SBDL	II	NOM
PWR	DB02	P01	72	CDMU	CDMUP043	24	XPND1/CDMU_TC_RF_Lock	COMP	XPND1	XPND1P06	20	SBDL	II	NOM
PWR	DB02	P01	73	CDMU	CDMUP043	25	HU1/CDMU_TC_Squelch	COMP	HU1	HU1J01	17	SBDL	II	NOM
PWR	DB02	P01	75	CDMU	CDMUP043	26	CDMU/XPND1_TM_Clock	COMP	XPND1	XPND1P06	23	SBDL	II	NOM
PWR	DB02	P01	76	CDMU	CDMUP043	27	CDMU/XPND1_TM_Data	COMP	XPND1	XPND1P06	25	SBDL	II	NOM
PWR	DB02	P01	77	CDMU	CDMUP043	38	HU1/CDMU_RM_A_Sep_Strap5a_Alarm_Sts	RTN	HU1	HU1J01	22	DR_Mnt	II	NOM

5.2.2 DB02 P02– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P02	1	CDMU	CDMUP043	44	HU1/CDMU_TC_Clock	TRUE	HU1	HU1J01	36	SBDL	II	NOM
PWR	DB02	P02	3	CDMU	CDMUP043	45	HU1/CDMU_TC_Data	TRUE	HU1	HU1J01	35	SBDL	II	NOM
PWR	DB02	P02	5	CDMU	CDMUP043	46	CDMU/HU1_TM_Clock	TRUE	HU1	HU1J01	33	SBDL	II	NOM
PWR	DB02	P02	7	CDMU	CDMUP043	47	CDMU/HU1_TM_Data	TRUE	HU1	HU1J01	31	SBDL	II	NOM
PWR	DB02	P02	10	CDMU	CDMUP045	12	CDMU/EPC1_TWTA_OFF_Nom_Cmd	ACT	EPC1	EPC1P01	12	HP_Cmd	II	NOM
PWR	DB02	P02	11	CDMU	CDMUP045	13	CDMU/EPC1_EPC_ON_Nom_Cmd	ACT	EPC1	EPC1P01	32	HP_Cmd	II	NOM
PWR	DB02	P02	12	CDMU	CDMUP045	15	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	ACT	RFDN	RFDNP09	04	EHP_Cmd	II	NOM
PWR	DB02	P02	13	CDMU	CDMUP045	16	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	ACT	RFDN	RFDNP09	12	EHP_Cmd	II	NOM
PWR	DB02	P02	14	CDMU	CDMUP045	28	CDMU/XPND1_Tx_ON_Nom_Cmd	ACT	XPND1	XPND1P04	04	HP_Cmd	II	NOM
PWR	DB02	P02	15	CDMU	CDMUP045	30	CDMU/EPC1_EPC_OFF_Nom_Cmd	ACT	EPC1	EPC1P01	31	HP_Cmd	II	NOM
PWR	DB02	P02	16	CDMU	CDMUP045	31	CDMU/EPC2_TWTA_ON_Nom_Cmd	ACT	EPC2	EPC2P01	17	HP_Cmd	II	NOM
PWR	DB02	P02	17	CDMU	CDMUP045	34	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	ACT	RFDN	RFDNP10	12	EHP_Cmd	II	NOM
PWR	DB02	P02	18	CDMU	CDMUP045	33	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	ACT	RFDN	RFDNP10	04	EHP_Cmd	II	NOM
PWR	DB02	P02	19	CDMU	CDMUP045	47	CDMU/XPND1_Tx_OFF_Nom_Cmd	ACT	XPND1	XPND1P04	05	HP_Cmd	II	NOM
PWR	DB02	P02	21	CDMU	CDMUP043	64	HU1/CDMU_TC_Clock	COMP	HU1	HU1J01	19	SBDL	II	NOM
PWR	DB02	P02	23	CDMU	CDMUP043	65	HU1/CDMU_TC_Data	COMP	HU1	HU1J01	18	SBDL	II	NOM
PWR	DB02	P02	25	CDMU	CDMUP043	66	CDMU/HU1_TM_Clock	COMP	HU1	HU1J01	32	SBDL	II	NOM
PWR	DB02	P02	27	CDMU	CDMUP043	67	CDMU/HU1_TM_Data	COMP	HU1	HU1J01	52	SBDL	II	NOM

Herschel – Planck Dismountability Bracket Connector list (SVM Harnesses)

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P02	30	CDMU	CDMUP045	11	CDMU/EPC1_TWTA_OFF_Nom_Cmd	RTN	EPC1	EPC1P01	14	HP_Cmd	II	NOM
PWR	DB02	P02	31	CDMU	CDMUP045	14	CDMU/EPC1_EPC_ON_Nom_Cmd	RTN	EPC1	EPC1P01	13	HP_Cmd	II	NOM
PWR	DB02	P02	32	CDMU	CDMUP045	14	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	RTN	RFDN	RFDNP09	05	EHP_Cmd	II	NOM
PWR	DB02	P02	33	CDMU	CDMUP045	17	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	RTN	RFDN	RFDNP09	15	EHP_Cmd	II	NOM
PWR	DB02	P02	34	CDMU	CDMUP045	26	CDMU/XPND1_Tx_ON_Nom_Cmd	RTN	XPND1	XPND1P04	12	HP_Cmd	II	NOM
PWR	DB02	P02	35	CDMU	CDMUP045	29	CDMU/EPC1_EPC_OFF_Nom_Cmd	RTN	EPC1	EPC1P01	13	HP_Cmd	II	NOM
PWR	DB02	P02	36	CDMU	CDMUP045	29	CDMU/EPC2_TWTA_ON_Nom_Cmd	RTN	EPC2	EPC2P01	14	HP_Cmd	II	NOM
PWR	DB02	P02	37	CDMU	CDMUP045	32	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	RTN	RFDN	RFDNP10	15	EHP_Cmd	II	NOM
PWR	DB02	P02	38	CDMU	CDMUP045	32	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	RTN	RFDN	RFDNP10	05	EHP_Cmd	II	NOM
PWR	DB02	P02	39	CDMU	CDMUP045	46	CDMU/XPND1_Tx_OFF_Nom_Cmd	RTN	XPND1	XPND1P04	12	HP_Cmd	II	NOM
PWR	DB02	P02	40	CDMU	CDMUP045	48	CDMU/XPND2_Tx_ON_Nom_Cmd	ACT	XPND2	XPND2P04	04	HP_Cmd	II	NOM
PWR	DB02	P02	41	CDMU	CDMUP045	50	CDMU/EPC2_TWTA_OFF_Nom_Cmd	ACT	EPC2	EPC2P01	12	HP_Cmd	II	NOM
PWR	DB02	P02	42	CDMU	CDMUP045	51	CDMU/EPC2_EPC_ON_Nom_Cmd	ACT	EPC2	EPC2P01	32	HP_Cmd	II	NOM
PWR	DB02	P02	43	CDMU	CDMUP045	53	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	ACT	RFDN	RFDNP11	04	EHP_Cmd	II	NOM
PWR	DB02	P02	44	CDMU	CDMUP045	54	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	ACT	RFDN	RFDNP11	12	EHP_Cmd	II	NOM
PWR	DB02	P02	45	CDMU	CDMUP045	67	CDMU/XPND2_Tx_OFF_Nom_Cmd	ACT	XPND2	XPND2P04	05	HP_Cmd	II	NOM
PWR	DB02	P02	46	CDMU	CDMUP045	68	CDMU/EPC1_TWTA_ON_Nom_Cmd	ACT	EPC1	EPC1P01	17	HP_Cmd	II	NOM
PWR	DB02	P02	47	CDMU	CDMUP045	70	CDMU/EPC2_EPC_OFF_Nom_Cmd	ACT	EPC2	EPC2P01	31	HP_Cmd	II	NOM
PWR	DB02	P02	48	CDMU	CDMUP045	73	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	ACT	RFDN	RFDNP12	04	EHP_Cmd	II	NOM
PWR	DB02	P02	49	CDMU	CDMUP045	74	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	ACT	RFDN	RFDNP12	12	EHP_Cmd	II	NOM
PWR	DB02	P02	60	CDMU	CDMUP045	49	CDMU/XPND2_Tx_ON_Nom_Cmd	RTN	XPND2	XPND2P04	12	HP_Cmd	II	NOM
PWR	DB02	P02	61	CDMU	CDMUP045	49	CDMU/EPC2_TWTA_OFF_Nom_Cmd	RTN	EPC2	EPC2P01	14	HP_Cmd	II	NOM
PWR	DB02	P02	62	CDMU	CDMUP045	52	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	RTN	RFDN	RFDNP11	05	EHP_Cmd	II	NOM
PWR	DB02	P02	63	CDMU	CDMUP045	52	CDMU/EPC2_EPC_ON_Nom_Cmd	RTN	EPC2	EPC2P01	13	HP_Cmd	II	NOM
PWR	DB02	P02	64	CDMU	CDMUP045	55	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	RTN	RFDN	RFDNP11	15	EHP_Cmd	II	NOM
PWR	DB02	P02	65	CDMU	CDMUP045	66	CDMU/XPND2_Tx_OFF_Nom_Cmd	RTN	XPND2	XPND2P04	12	HP_Cmd	II	NOM
PWR	DB02	P02	66	CDMU	CDMUP045	69	CDMU/EPC2_EPC_OFF_Nom_Cmd	RTN	EPC2	EPC2P01	13	HP_Cmd	II	NOM
PWR	DB02	P02	67	CDMU	CDMUP045	69	CDMU/EPC1_TWTA_ON_Nom_Cmd	RTN	EPC1	EPC1P01	14	HP_Cmd	II	NOM
PWR	DB02	P02	68	CDMU	CDMUP045	72	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	RTN	RFDN	RFDNP12	05	EHP_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P02	69	CDMU	CDMUP045	72	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	RTN	RFDN	RFDNP12	15	EHP_Cmd	II	NOM

5.2.3 DB02 P03– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P03	1	CDMU	CDMUP081	21	EPC1/CDMU_TWTA_ON/OFF_Sts	ACT	EPC1	EPC1P01	30	DB_Mnt	II	NOM
PWR	DB02	P03	2	CDMU	CDMUP081	03	CDMU/SREM_ML1_Data_Cmd	TRUE	SREM	SREMP02	04	ML16	II	NOM
PWR	DB02	P03	3	CDMU	CDMUP081	05	CDMU/SREM_ML1_Clock_Cmd	TRUE	SREM	SREMP02	08	ML16	II	NOM
PWR	DB02	P03	4	CDMU	CDMUP081	07	CDMU/SREM_ML1_Address_Cmd	TRUE	SREM	SREMP02	14	ML16	II	NOM
PWR	DB02	P03	5	CDMU	CDMUP081	24	SREM/CDMU_DS1_Data_Mnt	TRUE	SREM	SREMP02	03	DS16	II	NOM
PWR	DB02	P03	6	CDMU	CDMUP081	26	SREM/CDMU_DS1_Address_Mnt	TRUE	SREM	SREMP02	13	DS16	II	NOM
PWR	DB02	P03	7	CDMU	CDMUP081	61	EPC1/CDMU_EPC_ON/OFF_Sts	ACT	EPC1	EPC1P01	10	DB_Mnt	II	NOM
PWR	DB02	P03	9	CDMU	CDMUP083	08	RFDN/CDMU_TM_SW1_Pos1_Sts	ACT	RFDN	RFDNP09	01	DR_Mnt	II	NOM
PWR	DB02	P03	10	CDMU	CDMUP083	16	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	ACT	XPND1	XPND1P08	21	DB_Mnt	II	NOM
PWR	DB02	P03	12	CDMU	CDMUP083	28	XPND1/CDMU_Tx_ON/OFF_Sts	ACT	XPND1	XPND1P08	07	DR_Mnt	II	NOM
PWR	DB02	P03	14	CDMU	CDMUP083	59	CDMU/FPMEC1_Nom_Sync	ACT	FPMEC1	FPMEC1P31	5	LOBT_Sync	II	NOM
PWR	DB02	P03	16	CDMU	CDMUP083	66	RFDN/CDMU_TM_SW2_Pos1_Sts	ACT	RFDN	RFDNP10	01	DR_Mnt	II	NOM
PWR	DB02	P03	17	CDMU	CDMUP083	76	EPC1/CDMU_ARU_Sts	ACT	EPC1	EPC1P01	28	DB_Mnt	II	NOM
PWR	DB02	P03	21	CDMU	CDMUP081	01	EPC1/CDMU_TWTA_ON/OFF_Sts	RTN	EPC1	EPC1P01	09	DB_Mnt	II	NOM
PWR	DB02	P03	22	CDMU	CDMUP081	02	CDMU/SREM_ML1_Data_Cmd	COMP	SREM	SREMP02	11	ML16	II	NOM
PWR	DB02	P03	23	CDMU	CDMUP081	04	CDMU/SREM_ML1_Clock_Cmd	COMP	SREM	SREMP02	15	ML16	II	NOM
PWR	DB02	P03	24	CDMU	CDMUP081	06	CDMU/SREM_ML1_Address_Cmd	COMP	SREM	SREMP02	06	ML16	II	NOM
PWR	DB02	P03	25	CDMU	CDMUP081	23	SREM/CDMU_DS1_Data_Mnt	COMP	SREM	SREMP02	10	DS16	II	NOM
PWR	DB02	P03	26	CDMU	CDMUP081	25	SREM/CDMU_DS1_Address_Mnt	COMP	SREM	SREMP02	05	DS16	II	NOM
PWR	DB02	P03	27	CDMU	CDMUP081	41	EPC1/CDMU_EPC_ON/OFF_Sts	RTN	EPC1	EPC1P01	09	DB_Mnt	II	NOM
PWR	DB02	P03	29	CDMU	CDMUP083	07	RFDN/CDMU_TM_SW1_Pos1_Sts	RTN	RFDN	RFDNP09	03	DR_Mnt	II	NOM
PWR	DB02	P03	30	CDMU	CDMUP083	15	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	RTN	XPND1	XPND1P08	22	DB_Mnt	II	NOM
PWR	DB02	P03	32	CDMU	CDMUP083	27	XPND1/CDMU_Tx_ON/OFF_Sts	RTN	XPND1	XPND1P08	20	DR_Mnt	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P03	34	CDMU	CDMUP083	58	CDMU/FPMEC1_Nom_Sync	RTN	FPMEC1	FPMEC1P31	9	LOBT_Sync	II	NOM
PWR	DB02	P03	36	CDMU	CDMUP083	65	RFDN/CDMU_TM_SW2_Pos1_Sts	RTN	RFDN	RFDNP10	03	DR_Mnt	II	NOM
PWR	DB02	P03	37	CDMU	CDMUP083	75	EPC1/CDMU_ARU_Sts	RTN	EPC1	EPC1P01	09	DB_Mnt	II	NOM
PWR	DB02	P03	40	CDMU	CDMUP085	57	VMC/CDMU_DS2_Data_Mnt	TRUE	VMC	VMCP02	08	DS16	II	NOM
PWR	DB02	P03	41	CDMU	CDMUP085	76	VMC/CDMU_DS2_Clock_Mnt	TRUE	VMC	VMCP02	05	DS16	II	NOM
PWR	DB02	P03	42	CDMU	CDMUP085	78	VMC/CDMU_DS2_Address_Mnt	TRUE	VMC	VMCP02	04	DS16	II	NOM
PWR	DB02	P03	44	CDMU	CDMUP093	08	RFDN/CDMU_TM_SW1_Pos2_Sts	ACT	RFDN	RFDNP09	02	DR_Mnt	II	NOM
PWR	DB02	P03	45	CDMU	CDMUP093	09	CDMU/XPND1_Rx_RateSelection_4KBps_Cmd	ACT	XPND1	XPND1P04	10	HL_Cmd	II	NOM
PWR	DB02	P03	46	CDMU	CDMUP093	10	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	RTN	XPND1	XPND1P04	07	HL_Cmd	II	NOM
PWR	DB02	P03	47	CDMU	CDMUP093	66	RFDN/CDMU_TM_SW2_Pos2_Sts	ACT	RFDN	RFDNP10	02	DR_Mnt	II	NOM
PWR	DB02	P03	49	CDMU	CDMUP105	12	CBPLM/CDMU_NCA_Nom_Sts	ACT	CBPLM1A	CBPLM1AJ03	04	DR_Mnt	II	NOM
PWR	DB02	P03	50	CDMU	CDMUP105	32	HU1/CDMU_Sep_Strap1_Sts	ACT	HU1	HU1J01	13	DR_Mnt	II	NOM
PWR	DB02	P03	53	CDMU	CDMUP115	32	HU1/CDMU_Sep_Strap2_Sts	ACT	HU1	HU1J01	47	DR_Mnt	II	NOM
PWR	DB02	P03	56	PCDU	PCDUP14	02	HU1/PCDU_Charge_Array_Disable_Cmd	ACT	HU1	HU1J01	08	HL_Cmd	II	NOM
PWR	DB02	P03	60	CDMU	CDMUP085	56	VMC/CDMU_DS2_Data_Mnt	COMP	VMC	VMCP02	07	DS16	II	NOM
PWR	DB02	P03	61	CDMU	CDMUP085	75	VMC/CDMU_DS2_Clock_Mnt	COMP	VMC	VMCP02	06	DS16	II	NOM
PWR	DB02	P03	62	CDMU	CDMUP085	77	VMC/CDMU_DS2_Address_Mnt	COMP	VMC	VMCP02	03	DS16	II	NOM
PWR	DB02	P03	64	CDMU	CDMUP093	07	RFDN/CDMU_TM_SW1_Pos2_Sts	RTN	RFDN	RFDNP09	03	DR_Mnt	II	NOM
PWR	DB02	P03	65	CDMU	CDMUP093	10	CDMU/XPND1_Rx_RateSelection_4KBps_Cmd	RTN	XPND1	XPND1P04	07	HL_Cmd	II	NOM
PWR	DB02	P03	66	CDMU	CDMUP093	11	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	ACT	XPND1	XPND1P04	11	HL_Cmd	II	NOM
PWR	DB02	P03	67	CDMU	CDMUP093	65	RFDN/CDMU_TM_SW2_Pos2_Sts	RTN	RFDN	RFDNP10	03	DR_Mnt	II	NOM
PWR	DB02	P03	69	CDMU	CDMUP105	11	CBPLM/CDMU_NCA_Nom_Sts	RTN	CBPLM1A	CBPLM1AJ03	05	DR_Mnt	II	NOM
PWR	DB02	P03	70	CDMU	CDMUP105	31	HU1/CDMU_Sep_Strap1_Sts	RTN	HU1	HU1J01	27	DR_Mnt	II	NOM
PWR	DB02	P03	73	CDMU	CDMUP115	31	HU1/CDMU_Sep_Strap2_Sts	RTN	HU1	HU1J01	48	DR_Mnt	II	NOM
PWR	DB02	P03	76	PCDU	PCDUP14	15	HU1/PCDU_Charge_Array_Disable_Cmd	RTN	HU1	HU1J01	09	HL_Cmd	II	NOM

5.2.4 DB02 P04– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Dev_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P04	1	SK02	SK02J05	32	EGSE/THR_20N04_Vlv_Cmd	ACT	THR_20N04	THR_20N04P01	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	2	SK02	SK02J05	34	EGSE/THR_20N05_Vlv_Cmd	ACT	THR_20N05	THR_20N05P01	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	3	SK02	SK02J05	36	EGSE/THR_20N06_Vlv_Cmd	ACT	THR_20N06	THR_20N06P01	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	5	SK02	SK02J05	40	EGSE/THR_20N01_Vlv_Cmd	ACT	THR_20N01	THR_20N01P01	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	6	SK02	SK02J05	42	EGSE/THR_20N02_Vlv_Cmd	ACT	THR_20N02	THR_20N02P01	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	7	SK02	SK02J05	44	EGSE/THR_20N03_Vlv_Cmd	ACT	THR_20N03	THR_20N03P01	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	9	SK02	SK02J05	47	EGSE/LVA_ON_Cmd	ACT	LVA	LVAP01	White	LV_Cmd	II	NOM
PWR	DB02	P04	12	SK02	SK02J05	53	EGSE/LVA_OFF_Cmd	ACT	LVA	LVAP01	Red	LV_Cmd	II	NOM
PWR	DB02	P04	21	SK02	SK02J05	33	EGSE/THR_20N04_Vlv_Cmd	RTN	THR_20N04	THR_20N04P01	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	22	SK02	SK02J05	35	EGSE/THR_20N05_Vlv_Cmd	RTN	THR_20N05	THR_20N05P01	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	23	SK02	SK02J05	37	EGSE/THR_20N06_Vlv_Cmd	RTN	THR_20N06	THR_20N06P01	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	25	SK02	SK02J05	41	EGSE/THR_20N01_Vlv_Cmd	RTN	THR_20N01	THR_20N01P01	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	26	SK02	SK02J05	43	EGSE/THR_20N02_Vlv_Cmd	RTN	THR_20N02	THR_20N02P01	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	27	SK02	SK02J05	45	EGSE/THR_20N03_Vlv_Cmd	RTN	THR_20N03	THR_20N03P01	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	29	SK02	SK02J05	48	EGSE/LVA_ON_Cmd	RTN	LVA	LVAP01	Black/White	LV_Cmd	II	NOM
PWR	DB02	P04	32	SK02	SK02J05	54	EGSE/LVA_OFF_Cmd	RTN	LVA	LVAP01	Black	LV_Cmd	II	NOM
PWR	DB02	P04	40	SK02	SK02J08	47	LVA/EGSE_Open_Sts	ACT	LVA	LVAP01	White	DR_Mnt	II	NOM
PWR	DB02	P04	41	SK02	SK02J08	53	LVA/EGSE_Closed_Sts	ACT	LVA	LVAP01	Green/White	DR_Mnt	II	NOM
PWR	DB02	P04	43	SK02	SK02J12	34	EGSE/THR_20N12_Htr_Nom_Cmd	ACT	THR_20N12	THR_20N12P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P04	60	SK02	SK02J08	48	LVA/EGSE_Open_Sts	RTN	LVA	LVAP01	Red/White	DR_Mnt	II	NOM
PWR	DB02	P04	61	SK02	SK02J08	54	LVA/EGSE_Closed_Sts	RTN	LVA	LVAP01	Red/White	DR_Mnt	II	NOM
PWR	DB02	P04	63	SK02	SK02J12	35	EGSE/THR_20N12_Htr_Nom_Cmd	RTN	THR_20N12	THR_20N12P02	Black	THRDV_Htr-Cmd	II	NOM

5.2.5 DB02 P05– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P05	1	SK02	SK02J12	43	EGSE/THR_20N08_Htr_Nom_Cmd	ACT	THR_20N08	THR_20N08P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	2	SK02	SK02J12	45	EGSE/THR_20N09_Htr_Nom_Cmd	ACT	THR_20N09	THR_20N09P02	Black	THRDV_Htr-Cmd	II	NOM

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PWR	DB02	P05	3	SK02	SK02J12	47	EGSE/THR_20N10_Htr_Nom_Cmd	ACT	THR_20N10	THR_20N10P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	4	SK02	SK02J12	49	EGSE/THR_20N11_Htr_Nom_Cmd	ACT	THR_20N11	THR_20N11P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	5	SK02	SK02J12	51	EGSE/THR_20N05_Htr_Nom_Cmd	ACT	THR_20N05	THR_20N05P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	6	SK02	SK02J12	53	EGSE/THR_20N06_Htr_Nom_Cmd	ACT	THR_20N06	THR_20N06P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	7	SK02	SK02J12	55	EGSE/THR_20N07_Htr_Nom_Cmd	ACT	THR_20N07	THR_20N07P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	8	SK02	SK02J12	58	EGSE/THR_20N02_Htr_Nom_Cmd	ACT	THR_20N02	THR_20N02P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	9	SK02	SK02J12	60	EGSE/THR_20N03_Htr_Nom_Cmd	ACT	THR_20N03	THR_20N03P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	10	SK02	SK02J12	62	EGSE/THR_20N04_Htr_Nom_Cmd	ACT	THR_20N04	THR_20N04P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	11	SK02	SK02J12	64	EGSE/THR_20N01_Htr_Nom_Cmd	ACT	THR_20N01	THR_20N01P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	13	SK02	SK02J14	03	STR1/EGSE_ON/OFF_Sts	ACT	STR1	STR1P01	07	DR_Mnt	II	NOM
PWR	DB02	P05	14	SK02	SK02J14	07	EGSE/STR1_ON_Nom_Cmd	ACT	STR1	STR1P01	05	HP_Cmd	II	NOM
PWR	DB02	P05	15	SK02	SK02J14	08	EGSE/STR1_OFF_Nom_Cmd	ACT	STR1	STR1P01	14	HP_Cmd	II	NOM
PWR	DB02	P05	17	SK02	SK02J15	07	EGSE/STR2_ON_Nom_Cmd	ACT	STR2	STR2P01	05	HP_Cmd	II	NOM
PWR	DB02	P05	18	SK02	SK02J15	08	EGSE/STR2_OFF_Nom_Cmd	ACT	STR2	STR2P01	14	HP_Cmd	II	NOM
PWR	DB02	P05	21	SK02	SK02J12	44	EGSE/THR_20N08_Htr_Nom_Cmd	RTN	THR_20N08	THR_20N08P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	22	SK02	SK02J12	46	EGSE/THR_20N09_Htr_Nom_Cmd	RTN	THR_20N09	THR_20N09P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	23	SK02	SK02J12	48	EGSE/THR_20N10_Htr_Nom_Cmd	RTN	THR_20N10	THR_20N10P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	24	SK02	SK02J12	57	EGSE/THR_20N11_Htr_Nom_Cmd	RTN	THR_20N11	THR_20N11P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	25	SK02	SK02J12	52	EGSE/THR_20N05_Htr_Nom_Cmd	RTN	THR_20N05	THR_20N05P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	26	SK02	SK02J12	54	EGSE/THR_20N06_Htr_Nom_Cmd	RTN	THR_20N06	THR_20N06P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	27	SK02	SK02J12	56	EGSE/THR_20N07_Htr_Nom_Cmd	RTN	THR_20N07	THR_20N07P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	28	SK02	SK02J12	59	EGSE/THR_20N02_Htr_Nom_Cmd	RTN	THR_20N02	THR_20N02P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	29	SK02	SK02J12	61	EGSE/THR_20N03_Htr_Nom_Cmd	RTN	THR_20N03	THR_20N03P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	30	SK02	SK02J12	63	EGSE/THR_20N04_Htr_Nom_Cmd	RTN	THR_20N04	THR_20N04P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	31	SK02	SK02J12	65	EGSE/THR_20N01_Htr_Nom_Cmd	RTN	THR_20N01	THR_20N01P02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	33	SK02	SK02J14	04	STR1/EGSE_ON/OFF_Sts	RTN	STR1	STR1P01	08	DR_Mnt	II	NOM
PWR	DB02	P05	34	SK02	SK02J14	18	EGSE/STR1_ON/OFF_RTN_Nom_Cmd	RTN	STR1	STR1P01	06	HP_Cmd	II	NOM
PWR	DB02	P05	34	SK02	SK02J14	18	EGSE/STR1_ON/OFF_RTN_Nom_Cmd	RTN	STR1	STR1P01	06	HP_Cmd	II	NOM
PWR	DB02	P05	37	SK02	SK02J15	18	EGSE/STR2_ON/OFF_RTN_Nom_Cmd	RTN	STR2	STR2P01	06	HP_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P05	37	SK02	SK02J15	18	EGSE/STR2_ON/OFF_RTN_Nom_Cmd	RTN	STR2	STR2P01	06	HP_Cmd	II	NOM
PWR	DB02	P05	40	SK02	SK02J16	14	EGSE/GYR_A_IRU_RST_Nom_Cmd	ACT	GYR	GYRP01A	43	HP_Cmd	II	NOM
PWR	DB02	P05	41	SK02	SK02J16	15	EGSE/GYR_A_GC_ON_PPSMB_Nom_Cmd	ACT	GYR	GYRP01A	51	HP_Cmd	II	NOM
PWR	DB02	P05	42	SK02	SK02J16	16	EGSE/GYR_A_GB_ON_PPSMB_Nom_Cmd	ACT	GYR	GYRP01A	10	HP_Cmd	II	NOM
PWR	DB02	P05	43	SK02	SK02J16	28	EGSE/GYR_A_PPSMB_Sel_Nom_Cmd	ACT	GYR	GYRP01A	17	HP_Cmd	II	NOM
PWR	DB02	P05	44	SK02	SK02J16	18	EGSE/GYR_A_IRU_OFF_Nom_Cmd	ACT	GYR	GYRP01A	25	HP_Cmd	II	NOM
PWR	DB02	P05	45	SK02	SK02J16	17	EGSE/GYR_A_IRU_ON_Nom_Cmd	ACT	GYR	GYRP01A	34	HP_Cmd	II	NOM
PWR	DB02	P05	46	SK02	SK02J17	14	EGSE/GYR_B_IRU_RST_Nom_Cmd	ACT	GYR	GYRP01B	43	HP_Cmd	II	NOM
PWR	DB02	P05	47	SK02	SK02J17	15	EGSE/GYR_B_GD_ON_PPSMA_Nom_Cmd	ACT	GYR	GYRP01B	51	HP_Cmd	II	NOM
PWR	DB02	P05	48	SK02	SK02J17	16	EGSE/GYR_B_GA_ON_PPSMB_Nom_Cmd	ACT	GYR	GYRP01B	10	HP_Cmd	II	NOM
PWR	DB02	P05	49	SK02	SK02J17	17	EGSE/GYR_B_IRU_ON_Nom_Cmd	ACT	GYR	GYRP01B	34	HP_Cmd	II	NOM
PWR	DB02	P05	50	SK02	SK02J17	28	EGSE/GYR_B_PPSMB_Sel_Nom_Cmd	ACT	GYR	GYRP01B	17	HP_Cmd	II	NOM
PWR	DB02	P05	51	SK02	SK02J17	18	EGSE/GYR_B_IRU_OFF_Nom_Cmd	ACT	GYR	GYRP01B	25	HP_Cmd	II	NOM
PWR	DB02	P05	60	SK02	SK02J16	29	EGSE/GYR_A_Config_RTN_Nom_Cmd	RTN	GYR	GYRP01A	35	HP_Cmd	II	NOM
PWR	DB02	P05	60	SK02	SK02J16	29	EGSE/GYR_A_Config_RTN_Nom_Cmd	RTN	GYR	GYRP01A	35	HP_Cmd	II	NOM
PWR	DB02	P05	60	SK02	SK02J16	29	EGSE/GYR_A_Config_RTN_Nom_Cmd	RTN	GYR	GYRP01A	35	HP_Cmd	II	NOM
PWR	DB02	P05	62	SK02	SK02J16	30	EGSE/GYR_A_IRU_ON/OFF_RTN_Nom_Cmd	RTN	GYR	GYRP01A	26	HP_Cmd	II	NOM
PWR	DB02	P05	62	SK02	SK02J16	30	EGSE/GYR_A_IRU_ON/OFF_RTN_Nom_Cmd	RTN	GYR	GYRP01A	26	HP_Cmd	II	NOM
PWR	DB02	P05	66	SK02	SK02J17	29	EGSE/GYR_B_Config_RTN_Nom_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	NOM
PWR	DB02	P05	66	SK02	SK02J17	29	EGSE/GYR_B_Config_RTN_Nom_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	NOM
PWR	DB02	P05	66	SK02	SK02J17	29	EGSE/GYR_B_Config_RTN_Nom_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	NOM
PWR	DB02	P05	66	SK02	SK02J17	29	EGSE/GYR_B_Config_RTN_Nom_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	NOM
PWR	DB02	P05	71	SK02	SK02J17	30	EGSE/GYR_B_IRU_ON/OFF_RTN_Nom_Cmd	RTN	GYR	GYRP01B	26	HP_Cmd	II	NOM
PWR	DB02	P05	71	SK02	SK02J17	30	EGSE/GYR_B_IRU_ON/OFF_RTN_Nom_Cmd	RTN	GYR	GYRP01B	26	HP_Cmd	II	NOM

5.2.6 DB02 P08– PWR Dismountability Bracket Connector

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P08	1	ACC	ACCP043	57	HU2/ACC_RM_B_Sep_Strap8a_Alarm_Sts	ACT	HU2	HU2J01	25	DR_Mnt	II	RED
PWR	DB02	P08	2	ACC	ACCP045	24	ACC/EGSE_RWL1_ON_Red_Cmd	ACT	SK04	SK04J01	53	HP_Cmd	II	RED
PWR	DB02	P08	3	ACC	ACCP045	25	ACC/EGSE_RWL1_OFF_Red_Cmd	ACT	SK04	SK04J01	49	HP_Cmd	II	RED
PWR	DB02	P08	4	ACC	ACCP045	30	ACC/EGSE_RWL3_ON_Red_Cmd	ACT	SK04	SK04J03	53	HP_Cmd	II	RED
PWR	DB02	P08	5	ACC	ACCP045	31	ACC/EGSE_RWL3_OFF_Red_Cmd	ACT	SK04	SK04J03	49	HP_Cmd	II	RED
PWR	DB02	P08	6	ACC	ACCP045	44	ACC/EGSE_RWL2_ON_Red_Cmd	ACT	SK04	SK04J02	53	HP_Cmd	II	RED
PWR	DB02	P08	7	ACC	ACCP045	45	ACC/EGSE_RWL2_OFF_Red_Cmd	ACT	SK04	SK04J02	49	HP_Cmd	II	RED
PWR	DB02	P08	8	ACC	ACCP045	50	ACC/EGSE_RWL4_ON_Red_Cmd	ACT	SK04	SK04J04	53	HP_Cmd	II	RED
PWR	DB02	P08	9	ACC	ACCP045	51	ACC/EGSE_RWL4_OFF_Red_Cmd	ACT	SK04	SK04J04	49	HP_Cmd	II	RED
PWR	DB02	P08	11	ACC	ACCP071	18	EGSE/ACC_RWL3_Motor_Current_Mnt	ACT	SK04	SK04J03	24	RWL-M	II	RED
PWR	DB02	P08	12	ACC	ACCP071	44	HU2/ACC_Sep_Strap4b_Sts	ACT	HU2	HU2J01	47	DR_Mnt	II	RED
PWR	DB02	P08	14	ACC	ACCP073	18	EGSE/ACC_RWL4_Motor_Current_Mnt	ACT	SK04	SK04J04	24	RWL-M	II	RED
PWR	DB02	P08	16	ACC	ACCP111	17	ACC/EGSE_RWL3_Torque_Cmd	ACT	SK04	SK04J03	14	RWL-T	II	RED
PWR	DB02	P08	17	ACC	ACCP111	18	ACC/EGSE_RWL3_Torque_Direction_Cmd	ACT	SK04	SK04J03	22	RWL-Td	II	RED
PWR	DB02	P08	18	ACC	ACCP111	56	EGSE/ACC_RWL3_Tachometer_Mnt	ACT	SK04	SK04J03	32	RWL-S	II	RED
PWR	DB02	P08	19	ACC	ACCP111	57	EGSE/ACC_RWL3_Speed_Direction_Mnt	ACT	SK04	SK04J03	29	RWL-Sd	II	RED
PWR	DB02	P08	21	ACC	ACCP043	76	HU2/ACC_RM_B_Sep_Strap8a_Alarm_Sts	RTN	HU2	HU2J01	26	DR_Mnt	II	RED
PWR	DB02	P08	22	ACC	ACCP045	23	ACC/EGSE_RWL1_ON_Red_Cmd	RTN	SK04	SK04J01	54	HP_Cmd	II	RED
PWR	DB02	P08	23	ACC	ACCP045	26	ACC/EGSE_RWL1_OFF_Red_Cmd	RTN	SK04	SK04J01	50	HP_Cmd	II	RED
PWR	DB02	P08	24	ACC	ACCP045	29	ACC/EGSE_RWL3_ON_Red_Cmd	RTN	SK04	SK04J03	54	HP_Cmd	II	RED
PWR	DB02	P08	25	ACC	ACCP045	32	ACC/EGSE_RWL3_OFF_Red_Cmd	RTN	SK04	SK04J03	50	HP_Cmd	II	RED
PWR	DB02	P08	26	ACC	ACCP045	43	ACC/EGSE_RWL2_ON_Red_Cmd	RTN	SK04	SK04J02	54	HP_Cmd	II	RED
PWR	DB02	P08	27	ACC	ACCP045	46	ACC/EGSE_RWL2_OFF_Red_Cmd	RTN	SK04	SK04J02	50	HP_Cmd	II	RED
PWR	DB02	P08	28	ACC	ACCP045	49	ACC/EGSE_RWL4_ON_Red_Cmd	RTN	SK04	SK04J04	54	HP_Cmd	II	RED
PWR	DB02	P08	29	ACC	ACCP045	52	ACC/EGSE_RWL4_OFF_Red_Cmd	RTN	SK04	SK04J04	50	HP_Cmd	II	RED
PWR	DB02	P08	31	ACC	ACCP071	38	EGSE/ACC_RWL3_Motor_Current_Mnt	RTN	SK04	SK04J03	31	RWL-M	II	RED
PWR	DB02	P08	32	ACC	ACCP071	64	HU2/ACC_Sep_Strap4b_Sts	RTN	HU2	HU2J01	48	DR_Mnt	II	RED
PWR	DB02	P08	34	ACC	ACCP073	38	EGSE/ACC_RWL4_Motor_Current_Mnt	RTN	SK04	SK04J04	31	RWL-M	II	RED
PWR	DB02	P08	36	ACC	ACCP111	37	ACC/EGSE_RWL3_Torque_Cmd	RTN	SK04	SK04J03	21	RWL-T	II	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P08	37	ACC	ACCP111	38	ACC/EGSE_RWL3_Torque_Direction_Cmd	RTN	SK04	SK04J03	23	RWL-Td	II	RED
PWR	DB02	P08	38	ACC	ACCP111	76	EGSE/ACC_RWL3_Tachometer_Mnt	RTN	SK04	SK04J03	33	RWL-S	II	RED
PWR	DB02	P08	39	ACC	ACCP111	77	EGSE/ACC_RWL3_Speed_Direction_Mnt	RTN	SK04	SK04J03	30	RWL-Sd	II	RED
PWR	DB02	P08	40	ACC	ACCP111	58	EGSE/ACC_RWL3_ON/OFF_Sts	ACT	SK04	SK04J03	25	RWL-Psts	II	RED
PWR	DB02	P08	41	ACC	ACCP113	17	ACC/EGSE_RWL4_Torque_Cmd	ACT	SK04	SK04J04	14	RWL-T	II	RED
PWR	DB02	P08	42	ACC	ACCP113	18	ACC/EGSE_RWL4_Torque_Direction_Cmd	ACT	SK04	SK04J04	22	RWL-Td	II	RED
PWR	DB02	P08	43	ACC	ACCP113	56	EGSE/ACC_RWL4_Tachometer_Mnt	ACT	SK04	SK04J04	32	RWL-S	II	RED
PWR	DB02	P08	44	ACC	ACCP113	57	EGSE/ACC_RWL4_Speed_Direction_Mnt	ACT	SK04	SK04J04	29	RWL-Sd	II	RED
PWR	DB02	P08	45	ACC	ACCP113	58	EGSE/ACC_RWL4_ON/OFF_Sts	ACT	SK04	SK04J04	25	RWL-Psts	II	RED
PWR	DB02	P08	60	ACC	ACCP111	78	EGSE/ACC_RWL3_ON/OFF_Sts	RTN	SK04	SK04J03	26	RWL-Psts	II	RED
PWR	DB02	P08	61	ACC	ACCP113	37	ACC/EGSE_RWL4_Torque_Cmd	RTN	SK04	SK04J04	21	RWL-T	II	RED
PWR	DB02	P08	62	ACC	ACCP113	38	ACC/EGSE_RWL4_Torque_Direction_Cmd	RTN	SK04	SK04J04	23	RWL-Td	II	RED
PWR	DB02	P08	63	ACC	ACCP113	76	EGSE/ACC_RWL4_Tachometer_Mnt	RTN	SK04	SK04J04	33	RWL-S	II	RED
PWR	DB02	P08	64	ACC	ACCP113	77	EGSE/ACC_RWL4_Speed_Direction_Mnt	RTN	SK04	SK04J04	30	RWL-Sd	II	RED
PWR	DB02	P08	65	ACC	ACCP113	78	EGSE/ACC_RWL4_ON/OFF_Sts	RTN	SK04	SK04J04	26	RWL-Psts	II	RED

5.2.7 DB02 P09– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P09	1	CDMU	CDMUP053	02	XPND2/CDMU_TC_Squelch	TRUE	XPND2	XPND2P06	03	SBDL	II	RED
PWR	DB02	P09	2	CDMU	CDMUP053	03	XPND2/CDMU_TC_Clock	TRUE	XPND2	XPND2P06	05	SBDL	II	RED
PWR	DB02	P09	3	CDMU	CDMUP053	04	XPND2/CDMU_TC_Data	TRUE	XPND2	XPND2P06	01	SBDL	II	RED
PWR	DB02	P09	4	CDMU	CDMUP053	05	XPND2/CDMU_TC_RF_Lock	TRUE	XPND2	XPND2P06	07	SBDL	II	RED
PWR	DB02	P09	5	CDMU	CDMUP053	06	HU2/CDMU_TC_Squelch	TRUE	HU2	HU2J01	34	SBDL	II	RED
PWR	DB02	P09	7	CDMU	CDMUP053	07	CDMU/XPND2_TM_Clock	TRUE	XPND2	XPND2P06	11	SBDL	II	RED
PWR	DB02	P09	8	CDMU	CDMUP053	08	CDMU/XPND2_TM_Data	TRUE	XPND2	XPND2P06	13	SBDL	II	RED
PWR	DB02	P09	9	CDMU	CDMUP053	19	HU1/CDMU_RM_B_Sep_Strap6a_Alarm_Sts	ACT	HU1	HU1J01	25	DR_Mnt	II	RED
PWR	DB02	P09	10	CDMU	CDMUP053	44	HU2/CDMU_TC_Clock	TRUE	HU2	HU2J01	36	SBDL	II	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P09	12	CDMU	CDMUP053	45	HU2/CDMU_TC_Data	TRUE	HU2	HU2J01	35	SBDL	II	RED
PWR	DB02	P09	14	CDMU	CDMUP053	46	CDMU/HU2_TM_Clock	TRUE	HU2	HU2J01	33	SBDL	II	RED
PWR	DB02	P09	16	CDMU	CDMUP053	47	CDMU/HU2_TM_Data	TRUE	HU2	HU2J01	31	SBDL	II	RED
PWR	DB02	P09	19	CDMU	CDMUP055	74	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	ACT	RFDN	RFDNP12	06	EHP_Cmd	II	RED
PWR	DB02	P09	21	CDMU	CDMUP053	21	XPND2/CDMU_TC_Squelch	COMP	XPND2	XPND2P06	16	SBDL	II	RED
PWR	DB02	P09	22	CDMU	CDMUP053	22	XPND2/CDMU_TC_Clock	COMP	XPND2	XPND2P06	18	SBDL	II	RED
PWR	DB02	P09	23	CDMU	CDMUP053	23	XPND2/CDMU_TC_Data	COMP	XPND2	XPND2P06	14	SBDL	II	RED
PWR	DB02	P09	24	CDMU	CDMUP053	24	XPND2/CDMU_TC_RF_Lock	COMP	XPND2	XPND2P06	20	SBDL	II	RED
PWR	DB02	P09	25	CDMU	CDMUP053	25	HU2/CDMU_TC_Squelch	COMP	HU2	HU2J01	17	SBDL	II	RED
PWR	DB02	P09	27	CDMU	CDMUP053	26	CDMU/XPND2_TM_Clock	COMP	XPND2	XPND2P06	23	SBDL	II	RED
PWR	DB02	P09	28	CDMU	CDMUP053	27	CDMU/XPND2_TM_Data	COMP	XPND2	XPND2P06	25	SBDL	II	RED
PWR	DB02	P09	29	CDMU	CDMUP053	38	HU1/CDMU_RM_B_Sep_Strap6a_Alarm_Sts	RTN	HU1	HU1J01	26	DR_Mnt	II	RED
PWR	DB02	P09	30	CDMU	CDMUP053	64	HU2/CDMU_TC_Clock	COMP	HU2	HU2J01	19	SBDL	II	RED
PWR	DB02	P09	32	CDMU	CDMUP053	65	HU2/CDMU_TC_Data	COMP	HU2	HU2J01	18	SBDL	II	RED
PWR	DB02	P09	34	CDMU	CDMUP053	66	CDMU/HU2_TM_Clock	COMP	HU2	HU2J01	32	SBDL	II	RED
PWR	DB02	P09	36	CDMU	CDMUP053	67	CDMU/HU2_TM_Data	COMP	HU2	HU2J01	52	SBDL	II	RED
PWR	DB02	P09	39	CDMU	CDMUP055	72	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	RTN	RFDN	RFDNP12	14	EHP_Cmd	II	RED
PWR	DB02	P09	40	CDMU	CDMUP055	12	CDMU/EPC1_TWTA_OFF_Red_Cmd	ACT	EPC1	EPC1P02	07	HP_Cmd	II	RED
PWR	DB02	P09	41	CDMU	CDMUP055	13	CDMU/EPC1_EPC_ON_Red_Cmd	ACT	EPC1	EPC1P02	15	HP_Cmd	II	RED
PWR	DB02	P09	42	CDMU	CDMUP055	15	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	ACT	RFDN	RFDNP09	13	EHP_Cmd	II	RED
PWR	DB02	P09	43	CDMU	CDMUP055	16	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	ACT	RFDN	RFDNP09	06	EHP_Cmd	II	RED
PWR	DB02	P09	44	CDMU	CDMUP055	28	CDMU/XPND1_Tx_ON_Red_Cmd	ACT	XPND1	XPND1P05	04	HP_Cmd	II	RED
PWR	DB02	P09	45	CDMU	CDMUP055	31	CDMU/EPC2_TWTA_ON_Red_Cmd	ACT	EPC2	EPC2P02	08	HP_Cmd	II	RED
PWR	DB02	P09	46	CDMU	CDMUP055	30	CDMU/EPC1_EPC_OFF_Red_Cmd	ACT	EPC1	EPC1P02	14	HP_Cmd	II	RED
PWR	DB02	P09	47	CDMU	CDMUP055	33	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	ACT	RFDN	RFDNP10	13	EHP_Cmd	II	RED
PWR	DB02	P09	48	CDMU	CDMUP055	34	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	ACT	RFDN	RFDNP10	06	EHP_Cmd	II	RED
PWR	DB02	P09	49	CDMU	CDMUP055	47	CDMU/XPND1_Tx_OFF_Red_Cmd	ACT	XPND1	XPND1P05	05	HP_Cmd	II	RED
PWR	DB02	P09	50	CDMU	CDMUP055	48	CDMU/XPND2_Tx_ON_Red_Cmd	ACT	XPND2	XPND2P05	04	HP_Cmd	II	RED
PWR	DB02	P09	51	CDMU	CDMUP055	50	CDMU/EPC2_TWTA_OFF_Red_Cmd	ACT	EPC2	EPC2P02	07	HP_Cmd	II	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P09	52	CDMU	CDMUP055	51	CDMU/EPC2_EPC_ON_Red_Cmd	ACT	EPC2	EPC2P02	15	HP_Cmd	II	RED
PWR	DB02	P09	53	CDMU	CDMUP055	54	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	ACT	RFDN	RFDNP11	06	EHP_Cmd	II	RED
PWR	DB02	P09	54	CDMU	CDMUP055	53	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	ACT	RFDN	RFDNP11	13	EHP_Cmd	II	RED
PWR	DB02	P09	55	CDMU	CDMUP055	67	CDMU/XPND2_Tx_OFF_Red_Cmd	ACT	XPND2	XPND2P05	05	HP_Cmd	II	RED
PWR	DB02	P09	56	CDMU	CDMUP055	68	CDMU/EPC1_TWTA_ON_Red_Cmd	ACT	EPC1	EPC1P02	08	HP_Cmd	II	RED
PWR	DB02	P09	57	CDMU	CDMUP055	69	CDMU/EPC2_EPC_OFF_Red_Cmd	RTN	EPC2	EPC2P02	13	HP_Cmd	II	RED
PWR	DB02	P09	58	CDMU	CDMUP055	73	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	ACT	RFDN	RFDNP12	13	EHP_Cmd	II	RED
PWR	DB02	P09	60	CDMU	CDMUP055	11	CDMU/EPC1_TWTA_OFF_Red_Cmd	RTN	EPC1	EPC1P02	06	HP_Cmd	II	RED
PWR	DB02	P09	61	CDMU	CDMUP055	14	CDMU/EPC1_EPC_ON_Red_Cmd	RTN	EPC1	EPC1P02	13	HP_Cmd	II	RED
PWR	DB02	P09	62	CDMU	CDMUP055	14	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	RTN	RFDN	RFDNP09	10	EHP_Cmd	II	RED
PWR	DB02	P09	63	CDMU	CDMUP055	17	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	RTN	RFDN	RFDNP09	14	EHP_Cmd	II	RED
PWR	DB02	P09	64	CDMU	CDMUP055	26	CDMU/XPND1_Tx_ON_Red_Cmd	RTN	XPND1	XPND1P05	12	HP_Cmd	II	RED
PWR	DB02	P09	65	CDMU	CDMUP055	29	CDMU/EPC2_TWTA_ON_Red_Cmd	RTN	EPC2	EPC2P02	06	HP_Cmd	II	RED
PWR	DB02	P09	66	CDMU	CDMUP055	29	CDMU/EPC1_EPC_OFF_Red_Cmd	RTN	EPC1	EPC1P02	13	HP_Cmd	II	RED
PWR	DB02	P09	67	CDMU	CDMUP055	32	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	RTN	RFDN	RFDNP10	10	EHP_Cmd	II	RED
PWR	DB02	P09	68	CDMU	CDMUP055	32	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	RTN	RFDN	RFDNP10	14	EHP_Cmd	II	RED
PWR	DB02	P09	69	CDMU	CDMUP055	46	CDMU/XPND1_Tx_OFF_Red_Cmd	RTN	XPND1	XPND1P05	12	HP_Cmd	II	RED
PWR	DB02	P09	70	CDMU	CDMUP055	49	CDMU/XPND2_Tx_ON_Red_Cmd	RTN	XPND2	XPND2P05	12	HP_Cmd	II	RED
PWR	DB02	P09	71	CDMU	CDMUP055	49	CDMU/EPC2_TWTA_OFF_Red_Cmd	RTN	EPC2	EPC2P02	06	HP_Cmd	II	RED
PWR	DB02	P09	72	CDMU	CDMUP055	52	CDMU/EPC2_EPC_ON_Red_Cmd	RTN	EPC2	EPC2P02	13	HP_Cmd	II	RED
PWR	DB02	P09	73	CDMU	CDMUP055	52	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	RTN	RFDN	RFDNP11	14	EHP_Cmd	II	RED
PWR	DB02	P09	74	CDMU	CDMUP055	52	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	RTN	RFDN	RFDNP11	10	EHP_Cmd	II	RED
PWR	DB02	P09	75	CDMU	CDMUP055	66	CDMU/XPND2_Tx_OFF_Red_Cmd	RTN	XPND2	XPND2P05	12	HP_Cmd	II	RED
PWR	DB02	P09	76	CDMU	CDMUP055	69	CDMU/EPC1_TWTA_ON_Red_Cmd	RTN	EPC1	EPC1P02	06	HP_Cmd	II	RED
PWR	DB02	P09	77	CDMU	CDMUP055	70	CDMU/EPC2_EPC_OFF_Red_Cmd	ACT	EPC2	EPC2P02	14	HP_Cmd	II	RED
PWR	DB02	P09	78	CDMU	CDMUP055	72	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	RTN	RFDN	RFDNP12	10	EHP_Cmd	II	RED

5.2.8 DB02 P10– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P10	1	CDMU	CDMUP083	26	RFDN/CDMU_TM_SW4_Pos1_Sts	ACT	RFDN	RFDNP12	01	DR_Mnt	II	RED
PWR	DB02	P10	2	CDMU	CDMUP083	46	RFDN/CDMU_TM_SW3_Pos1_Sts	ACT	RFDN	RFDNP11	01	DR_Mnt	II	RED
PWR	DB02	P10	3	CDMU	CDMUP093	29	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	ACT	XPND2	XPND2P05	03	HL_Cmd	II	RED
PWR	DB02	P10	4	CDMU	CDMUP091	21	EPC2/CDMU_TWTA_ON/OFF_Sts	ACT	EPC2	EPC2P01	30	DB_Mnt	II	RED
PWR	DB02	P10	5	CDMU	CDMUP091	61	EPC2/CDMU_EPC_ON/OFF_Sts	ACT	EPC2	EPC2P01	10	DB_Mnt	II	RED
PWR	DB02	P10	6	CDMU	CDMUP093	31	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	ACT	XPND2	XPND2P05	07	HL_Cmd	II	RED
PWR	DB02	P10	7	CDMU	CDMUP093	16	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	ACT	XPND2	XPND2P08	21	DB_Mnt	II	RED
PWR	DB02	P10	9	CDMU	CDMUP093	26	RFDN/CDMU_TM_SW4_Pos2_Sts	ACT	RFDN	RFDNP12	02	DR_Mnt	II	RED
PWR	DB02	P10	10	CDMU	CDMUP093	28	XPND2/CDMU_Tx_ON/OFF_Sts	ACT	XPND2	XPND2P08	07	DR_Mnt	II	RED
PWR	DB02	P10	12	CDMU	CDMUP093	46	RFDN/CDMU_TM_SW3_Pos2_Sts	ACT	RFDN	RFDNP11	02	DR_Mnt	II	RED
PWR	DB02	P10	13	CDMU	CDMUP093	59	CDMU/FPMEC2_Red_Sync	ACT	FPMEC2	FPMEC2P131	5	LOBT_Sync	II	RED
PWR	DB02	P10	15	CDMU	CDMUP093	76	EPC2/CDMU_ARU_Sts	ACT	EPC2	EPC2P01	28	DB_Mnt	II	RED
PWR	DB02	P10	17	CDMU	CDMUP125	56	CDMU/XPND1_Rx_RateSelection_4KBps_Red_Cmd	ACT	XPND1	XPND1P05	03	HL_Cmd	II	RED
PWR	DB02	P10	18	CDMU	CDMUP115	12	CBPLM/CDMU_NCA_Red_Sts	ACT	CBPLM1A	CBPLM1AJ04	04	DR_Mnt	II	RED
PWR	DB02	P10	19	CDMU	CDMUP125	58	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	ACT	XPND1	XPND1P05	07	HL_Cmd	II	RED
PWR	DB02	P10	21	CDMU	CDMUP083	25	RFDN/CDMU_TM_SW4_Pos1_Sts	RTN	RFDN	RFDNP12	03	DR_Mnt	II	RED
PWR	DB02	P10	22	CDMU	CDMUP083	45	RFDN/CDMU_TM_SW3_Pos1_Sts	RTN	RFDN	RFDNP11	03	DR_Mnt	II	RED
PWR	DB02	P10	23	CDMU	CDMUP093	30	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	RTN	XPND2	XPND2P05	11	HL_Cmd	II	RED
PWR	DB02	P10	24	CDMU	CDMUP091	01	EPC2/CDMU_TWTA_ON/OFF_Sts	RTN	EPC2	EPC2P01	09	DB_Mnt	II	RED
PWR	DB02	P10	25	CDMU	CDMUP091	41	EPC2/CDMU_EPC_ON/OFF_Sts	RTN	EPC2	EPC2P01	09	DB_Mnt	II	RED
PWR	DB02	P10	26	CDMU	CDMUP093	30	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	RTN	XPND2	XPND2P05	11	HL_Cmd	II	RED
PWR	DB02	P10	27	CDMU	CDMUP093	15	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	RTN	XPND2	XPND2P08	22	DB_Mnt	II	RED
PWR	DB02	P10	29	CDMU	CDMUP093	25	RFDN/CDMU_TM_SW4_Pos2_Sts	RTN	RFDN	RFDNP12	03	DR_Mnt	II	RED
PWR	DB02	P10	30	CDMU	CDMUP093	27	XPND2/CDMU_Tx_ON/OFF_Sts	RTN	XPND2	XPND2P08	20	DR_Mnt	II	RED
PWR	DB02	P10	32	CDMU	CDMUP093	45	RFDN/CDMU_TM_SW3_Pos2_Sts	RTN	RFDN	RFDNP11	03	DR_Mnt	II	RED
PWR	DB02	P10	33	CDMU	CDMUP093	58	CDMU/FPMEC2_Red_Sync	RTN	FPMEC2	FPMEC2P131	9	LOBT_Sync	II	RED
PWR	DB02	P10	35	CDMU	CDMUP093	75	EPC2/CDMU_ARU_Sts	RTN	EPC2	EPC2P01	09	DB_Mnt	II	RED
PWR	DB02	P10	37	CDMU	CDMUP125	57	CDMU/XPND1_Rx_RateSelection_4KBps_Red_Cmd	RTN	XPND1	XPND1P05	11	HL_Cmd	II	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P10	38	CDMU	CDMUP115	11	CBPLM/CDMU_NCA_Red_Sts	RTN	CBPLM1A	CBPLM1AJ04	05	DR_Mnt	II	RED
PWR	DB02	P10	39	CDMU	CDMUP125	57	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	RTN	XPND1	XPND1P05	11	HL_Cmd	II	RED
PWR	DB02	P10	40	CDMU	CDMUP125	78	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	ACT	XPND2	XPND2P04	11	HL_Cmd	II	RED
PWR	DB02	P10	41	CDMU	CDMUP125	76	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	ACT	XPND2	XPND2P04	10	HL_Cmd	II	RED
PWR	DB02	P10	43	PCDU	PCDUP18	02	HU2/PCDU_Charge_Array_Disable_Cmd	ACT	HU2	HU2J01	08	HL_Cmd	II	RED
PWR	DB02	P10	46	SK02	SK02J06	32	EGSE/THR_20N10_Vlv_Cmd	ACT	THR_20N10	THR_20N10P01	Yel	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	47	SK02	SK02J06	34	EGSE/THR_20N11_Vlv_Cmd	ACT	THR_20N11	THR_20N11P01	Yel	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	48	SK02	SK02J06	36	EGSE/THR_20N12_Vlv_Cmd	ACT	THR_20N12	THR_20N12P01	Yel	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	50	SK02	SK02J06	40	EGSE/THR_20N07_Vlv_Cmd	ACT	THR_20N07	THR_20N07P01	Yel	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	51	SK02	SK02J06	42	EGSE/THR_20N08_Vlv_Cmd	ACT	THR_20N08	THR_20N08P01	Yel	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	52	SK02	SK02J06	44	EGSE/THR_20N09_Vlv_Cmd	ACT	THR_20N09	THR_20N09P01	Yel	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	54	SK02	SK02J06	47	EGSE/LVB_ON_Cmd	ACT	LVB	LVBP01	White	LV_Cmd	II	RED
PWR	DB02	P10	57	SK02	SK02J06	53	EGSE/LVB_OFF_Cmd	ACT	LVB	LVBP01	Red	LV_Cmd	II	RED
PWR	DB02	P10	60	CDMU	CDMUP125	77	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	RTN	XPND2	XPND2P04	07	HL_Cmd	II	RED
PWR	DB02	P10	61	CDMU	CDMUP125	77	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	RTN	XPND2	XPND2P04	07	HL_Cmd	II	RED
PWR	DB02	P10	63	PCDU	PCDUP18	15	HU2/PCDU_Charge_Array_Disable_Cmd	RTN	HU2	HU2J01	09	HL_Cmd	II	RED
PWR	DB02	P10	66	SK02	SK02J06	33	EGSE/THR_20N10_Vlv_Cmd	RTN	THR_20N10	THR_20N10P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	67	SK02	SK02J06	35	EGSE/THR_20N11_Vlv_Cmd	RTN	THR_20N11	THR_20N11P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	68	SK02	SK02J06	37	EGSE/THR_20N12_Vlv_Cmd	RTN	THR_20N12	THR_20N12P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	70	SK02	SK02J06	41	EGSE/THR_20N07_Vlv_Cmd	RTN	THR_20N07	THR_20N07P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	71	SK02	SK02J06	43	EGSE/THR_20N08_Vlv_Cmd	RTN	THR_20N08	THR_20N08P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	72	SK02	SK02J06	45	EGSE/THR_20N09_Vlv_Cmd	RTN	THR_20N09	THR_20N09P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	74	SK02	SK02J06	48	EGSE/LVB_ON_Cmd	RTN	LVB	LVBP01	Bck/W	LV_Cmd	II	RED
PWR	DB02	P10	77	SK02	SK02J06	54	EGSE/LVB_OFF_Cmd	RTN	LVB	LVBP01	Black	LV_Cmd	II	RED

5.2.9 DB02 P11– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P11	1	SK02	SK02J11	47	LVB/EGSE_Open_Sts	ACT	LVB	LVBP01	White	DR_Mnt	II	RED
PWR	DB02	P11	2	SK02	SK02J11	53	LVB/EGSE_Closed_Sts	ACT	LVB	LVBP01	Green/White	DR_Mnt	II	RED
PWR	DB02	P11	4	SK02	SK02J13	34	EGSE/THR_20N12_Htr_Red_Cmd	ACT	THR_20N12	THR_20N12P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	5	SK02	SK02J13	43	EGSE/THR_20N08_Htr_Red_Cmd	ACT	THR_20N08	THR_20N08P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	6	SK02	SK02J13	45	EGSE/THR_20N09_Htr_Red_Cmd	ACT	THR_20N09	THR_20N09P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	7	SK02	SK02J13	47	EGSE/THR_20N10_Htr_Red_Cmd	ACT	THR_20N10	THR_20N10P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	8	SK02	SK02J13	49	EGSE/THR_20N11_Htr_Red_Cmd	ACT	THR_20N11	THR_20N11P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	9	SK02	SK02J13	51	EGSE/THR_20N05_Htr_Red_Cmd	ACT	THR_20N05	THR_20N05P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	10	SK02	SK02J13	53	EGSE/THR_20N06_Htr_Red_Cmd	ACT	THR_20N06	THR_20N06P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	11	SK02	SK02J13	55	EGSE/THR_20N07_Htr_Red_Cmd	ACT	THR_20N07	THR_20N07P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	12	SK02	SK02J13	58	EGSE/THR_20N02_Htr_Red_Cmd	ACT	THR_20N02	THR_20N02P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	13	SK02	SK02J13	60	EGSE/THR_20N03_Htr_Red_Cmd	ACT	THR_20N03	THR_20N03P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	14	SK02	SK02J13	62	EGSE/THR_20N04_Htr_Red_Cmd	ACT	THR_20N04	THR_20N04P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	15	SK02	SK02J13	64	EGSE/THR_20N01_Htr_Red_Cmd	ACT	THR_20N01	THR_20N01P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	21	SK02	SK02J11	48	LVB/EGSE_Open_Sts	RTN	LVB	LVBP01	Red/White	DR_Mnt	II	RED
PWR	DB02	P11	22	SK02	SK02J11	54	LVB/EGSE_Closed_Sts	RTN	LVB	LVBP01	Red/White	DR_Mnt	II	RED
PWR	DB02	P11	24	SK02	SK02J13	35	EGSE/THR_20N12_Htr_Red_Cmd	RTN	THR_20N12	THR_20N12P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	25	SK02	SK02J13	44	EGSE/THR_20N08_Htr_Red_Cmd	RTN	THR_20N08	THR_20N08P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	26	SK02	SK02J13	46	EGSE/THR_20N09_Htr_Red_Cmd	RTN	THR_20N09	THR_20N09P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	27	SK02	SK02J13	48	EGSE/THR_20N10_Htr_Red_Cmd	RTN	THR_20N10	THR_20N10P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	28	SK02	SK02J13	57	EGSE/THR_20N11_Htr_Red_Cmd	RTN	THR_20N11	THR_20N11P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	29	SK02	SK02J13	52	EGSE/THR_20N05_Htr_Red_Cmd	RTN	THR_20N05	THR_20N05P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	30	SK02	SK02J13	54	EGSE/THR_20N06_Htr_Red_Cmd	RTN	THR_20N06	THR_20N06P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	31	SK02	SK02J13	56	EGSE/THR_20N07_Htr_Red_Cmd	RTN	THR_20N07	THR_20N07P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	32	SK02	SK02J13	59	EGSE/THR_20N02_Htr_Red_Cmd	RTN	THR_20N02	THR_20N02P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	33	SK02	SK02J13	61	EGSE/THR_20N03_Htr_Red_Cmd	RTN	THR_20N03	THR_20N03P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	34	SK02	SK02J13	63	EGSE/THR_20N04_Htr_Red_Cmd	RTN	THR_20N04	THR_20N04P02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	35	SK02	SK02J13	65	EGSE/THR_20N01_Htr_Red_Cmd	RTN	THR_20N01	THR_20N01P02	Black	THRDV_Htr-Cmd	II	RED

5.2.10 DB02 P12– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Dev_Name	Conn_Name	Pin	Functional_name	Extension	Dev_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P12	1	SK02	SK02J14	13	EGSE/STR1_ON_Red_Cmd	ACT	STR1	STR1P01	05	HP_Cmd	II	RED
PWR	DB02	P12	2	SK02	SK02J14	14	EGSE/STR1_OFF_Red_Cmd	ACT	STR1	STR1P01	14	HP_Cmd	II	RED
PWR	DB02	P12	4	SK02	SK02J15	03	STR2/EGSE_ON/OFF_Sts	ACT	STR2	STR2P01	07	DR_Mnt	II	RED
PWR	DB02	P12	5	SK02	SK02J15	13	EGSE/STR2_ON_Red_Cmd	ACT	STR2	STR2P01	05	HP_Cmd	II	RED
PWR	DB02	P12	6	SK02	SK02J15	14	EGSE/STR2_OFF_Red_Cmd	ACT	STR2	STR2P01	14	HP_Cmd	II	RED
PWR	DB02	P12	8	SK02	SK02J16	10	EGSE/GYR_A_IRU_ON_Red_Cmd	ACT	GYR	GYRP01A	34	HP_Cmd	II	RED
PWR	DB02	P12	9	SK02	SK02J16	11	EGSE/GYR_A_IRU_OFF_Red_Cmd	ACT	GYR	GYRP01A	25	HP_Cmd	II	RED
PWR	DB02	P12	10	SK02	SK02J16	26	EGSE/GYR_A_IRU_RST_Red_Cmd	ACT	GYR	GYRP01A	43	HP_Cmd	II	RED
PWR	DB02	P12	11	SK02	SK02J16	27	EGSE/GYR_A_PPSMB_Sel_Red_Cmd	ACT	GYR	GYRP01A	17	HP_Cmd	II	RED
PWR	DB02	P12	12	SK02	SK02J16	12	EGSE/GYR_A_GB_ON_PPSMB_Red_Cmd	ACT	GYR	GYRP01A	10	HP_Cmd	II	RED
PWR	DB02	P12	13	SK02	SK02J16	13	EGSE/GYR_A_GC_ON_PPSMB_Red_Cmd	ACT	GYR	GYRP01A	51	HP_Cmd	II	RED
PWR	DB02	P12	15	SK02	SK02J17	10	EGSE/GYR_B_IRU_ON_Red_Cmd	ACT	GYR	GYRP01B	34	HP_Cmd	II	RED
PWR	DB02	P12	16	SK02	SK02J17	11	EGSE/GYR_B_IRU_OFF_Red_Cmd	ACT	GYR	GYRP01B	25	HP_Cmd	II	RED
PWR	DB02	P12	19	SK02	SK02J17	12	EGSE/GYR_B_GA_ON_PPSMB_Red_Cmd	ACT	GYR	GYRP01B	10	HP_Cmd	II	RED
PWR	DB02	P12	21	SK02	SK02J14	21	EGSE/STR1_ON/OFF_RTN_Red_Cmd	RTN	STR1	STR1P01	15	HP_Cmd	II	RED
PWR	DB02	P12	21	SK02	SK02J14	21	EGSE/STR1_ON/OFF_RTN_Red_Cmd	RTN	STR1	STR1P01	15	HP_Cmd	II	RED
PWR	DB02	P12	24	SK02	SK02J15	04	STR2/EGSE_ON/OFF_Sts	RTN	STR2	STR2P01	08	DR_Mnt	II	RED
PWR	DB02	P12	25	SK02	SK02J15	21	EGSE/STR2_ON/OFF_RTN_Red_Cmd	RTN	STR2	STR2P01	15	HP_Cmd	II	RED
PWR	DB02	P12	25	SK02	SK02J15	21	EGSE/STR2_ON/OFF_RTN_Red_Cmd	RTN	STR2	STR2P01	15	HP_Cmd	II	RED
PWR	DB02	P12	32	SK02	SK02J16	34	EGSE/GYR_A_Config_RTN_Red_Cmd	RTN	GYR	GYRP01A	35	HP_Cmd	II	RED
PWR	DB02	P12	32	SK02	SK02J16	25	EGSE/GYR_A_IRU_ON/OFF_RTN_Red_Cmd	RTN	GYR	GYRP01A	26	HP_Cmd	II	RED
PWR	DB02	P12	32	SK02	SK02J16	34	EGSE/GYR_A_Config_RTN_Red_Cmd	RTN	GYR	GYRP01A	35	HP_Cmd	II	RED
PWR	DB02	P12	32	SK02	SK02J16	25	EGSE/GYR_A_IRU_ON/OFF_RTN_Red_Cmd	RTN	GYR	GYRP01A	26	HP_Cmd	II	RED
PWR	DB02	P12	32	SK02	SK02J16	34	EGSE/GYR_A_Config_RTN_Red_Cmd	RTN	GYR	GYRP01A	35	HP_Cmd	II	RED
PWR	DB02	P12	32	SK02	SK02J16	34	EGSE/GYR_A_Config_RTN_Red_Cmd	RTN	GYR	GYRP01A	35	HP_Cmd	II	RED
PWR	DB02	P12	39	SK02	SK02J17	25	EGSE/GYR_B_IRU_ON/OFF_RTN_Red_Cmd	RTN	GYR	GYRP01B	26	HP_Cmd	II	RED

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Location	Bracket	BracketCon	BracketPin	Dev_Name	Conn_Name	Pin	Functional_name	Extension	Dev_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P12	39	SK02	SK02J17	34	EGSE/GYR_B_Config_RTN_Red_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	RED
PWR	DB02	P12	39	SK02	SK02J17	34	EGSE/GYR_B_Config_RTN_Red_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	RED
PWR	DB02	P12	39	SK02	SK02J17	25	EGSE/GYR_B_IRU_ON/OFF_RTN_Red_Cmd	RTN	GYR	GYRP01B	26	HP_Cmd	II	RED
PWR	DB02	P12	39	SK02	SK02J17	34	EGSE/GYR_B_Config_RTN_Red_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	RED
PWR	DB02	P12	39	SK02	SK02J17	34	EGSE/GYR_B_Config_RTN_Red_Cmd	RTN	GYR	GYRP01B	35	HP_Cmd	II	RED
PWR	DB02	P12	40	SK02	SK02J17	13	EGSE/GYR_B_GD_ON_PPSMA_Red_Cmd	ACT	GYR	GYRP01B	51	HP_Cmd	II	RED
PWR	DB02	P12	41	SK02	SK02J17	26	EGSE/GYR_B_IRU_RST_Red_Cmd	ACT	GYR	GYRP01B	43	HP_Cmd	II	RED
PWR	DB02	P12	42	SK02	SK02J17	27	EGSE/GYR_B_PPSMB_Sel_Red_Cmd	ACT	GYR	GYRP01B	17	HP_Cmd	II	RED

5.3 DB21A – PWR Dismountability Bracket Connectors

5.3.1 DB21A P01– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P01	1	ACC	ACCP061	15	EGSE/ACC_CRS1_Therm_Mnt	ACT	SK05	SK05J01	19	Therm	IV	NOM
PWR	DB21A	P01	2	ACC	ACCP061	58	EGSE/ACC_RWL1_Therm_Mnt	ACT	SK04	SK04J01	01	Therm	IV	NOM
PWR	DB21A	P01	4	ACC	ACCP063	02	EGSE/ACC_SAS1_PH1_Nom_Mnt	ACT	SK05	SK05J06	01	SAS_Mnt	IV	NOM
PWR	DB21A	P01	5	ACC	ACCP063	03	EGSE/ACC_SAS1_PH3_Nom_Mnt	ACT	SK05	SK05J06	05	SAS_Mnt	IV	NOM
PWR	DB21A	P01	6	ACC	ACCP063	05	EGSE/ACC_SAS2_PH1_Nom_Mnt	ACT	SK05	SK05J06	17	SAS_Mnt	IV	NOM
PWR	DB21A	P01	7	ACC	ACCP063	06	EGSE/ACC_SAS2_PH3_Nom_Mnt	ACT	SK05	SK05J06	13	SAS_Mnt	IV	NOM
PWR	DB21A	P01	9	ACC	ACCP063	41	EGSE/ACC_SAS1_PH2_Nom_Mnt	ACT	SK05	SK05J06	03	SAS_Mnt	IV	NOM
PWR	DB21A	P01	10	ACC	ACCP063	42	EGSE/ACC_SAS1_PH4_Nom_Mnt	ACT	SK05	SK05J06	07	SAS_Mnt	IV	NOM
PWR	DB21A	P01	11	ACC	ACCP063	44	EGSE/ACC_SAS2_PH2_Nom_Mnt	ACT	SK05	SK05J06	15	SAS_Mnt	IV	NOM
PWR	DB21A	P01	12	ACC	ACCP063	45	EGSE/ACC_SAS2_PH4_Nom_Mnt	ACT	SK05	SK05J06	11	SAS_Mnt	IV	NOM
PWR	DB21A	P01	13	ACC	ACCP063	58	EGSE/ACC_RWL2_Therm_Mnt	ACT	SK04	SK04J02	01	Therm	IV	NOM
PWR	DB21A	P01	21	ACC	ACCP061	35	EGSE/ACC_CRS1_Therm_Mnt	RTN	SK05	SK05J01	20	Therm	IV	NOM
PWR	DB21A	P01	22	ACC	ACCP061	78	EGSE/ACC_RWL1_Therm_Mnt	RTN	SK04	SK04J01	02	Therm	IV	NOM
PWR	DB21A	P01	24	ACC	ACCP063	22	EGSE/ACC_SAS1_PH1_Nom_Mnt	RTN	SK05	SK05J06	02	SAS_Mnt	IV	NOM
PWR	DB21A	P01	25	ACC	ACCP063	23	EGSE/ACC_SAS1_PH3_Nom_Mnt	RTN	SK05	SK05J06	06	SAS_Mnt	IV	NOM
PWR	DB21A	P01	26	ACC	ACCP063	25	EGSE/ACC_SAS2_PH1_Nom_Mnt	RTN	SK05	SK05J06	18	SAS_Mnt	IV	NOM
PWR	DB21A	P01	27	ACC	ACCP063	26	EGSE/ACC_SAS2_PH3_Nom_Mnt	RTN	SK05	SK05J06	14	SAS_Mnt	IV	NOM
PWR	DB21A	P01	29	ACC	ACCP063	61	EGSE/ACC_SAS1_PH2_Nom_Mnt	RTN	SK05	SK05J06	04	SAS_Mnt	IV	NOM
PWR	DB21A	P01	30	ACC	ACCP063	62	EGSE/ACC_SAS1_PH4_Nom_Mnt	RTN	SK05	SK05J06	08	SAS_Mnt	IV	NOM
PWR	DB21A	P01	31	ACC	ACCP063	64	EGSE/ACC_SAS2_PH2_Nom_Mnt	RTN	SK05	SK05J06	16	SAS_Mnt	IV	NOM
PWR	DB21A	P01	32	ACC	ACCP063	65	EGSE/ACC_SAS2_PH4_Nom_Mnt	RTN	SK05	SK05J06	12	SAS_Mnt	IV	NOM
PWR	DB21A	P01	33	ACC	ACCP063	78	EGSE/ACC_RWL2_Therm_Mnt	RTN	SK04	SK04J02	02	Therm	IV	NOM
PWR	DB21A	P01	40	ACC	ACCP133	01	EGSE/ACC_CRS1_Ang_X_Meas	ACT	SK05	SK05J01	14	CRS_Meas	IV	NOM
PWR	DB21A	P01	41	ACC	ACCP133	02	EGSE/ACC_CRS1_Ang_Y_Meas	ACT	SK05	SK05J01	11	CRS_Meas	IV	NOM
PWR	DB21A	P01	42	ACC	ACCP133	03	EGSE/ACC_CRS1_Ang_Z_Meas	ACT	SK05	SK05J01	10	CRS_Meas	IV	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P01	46	ACC	ACCP133	13	EGSE/ACC_+X_nominal_Mnt	ACT	SK05	SK05J05	4	AAD_Mnt	IV	NOM
PWR	DB21A	P01	50	CDMU	CDMUP081	17	XPND1/CDMU_Rx1_PLL_SPE_Mnt	ACT	XPND1	XPND1P08	10	An_Mnt	IV	NOM
PWR	DB21A	P01	51	CDMU	CDMUP081	19	EPC1/CDMU_Anode_Voltage_Mnt	ACT	EPC1	EPC1P01	16	An_Mnt	IV	NOM
PWR	DB21A	P01	55	CDMU	CDMUP081	36	XPND1/CDMU_Rx1_AGC_Level_Mnt	ACT	XPND1	XPND1P08	09	An_Mnt	IV	NOM
PWR	DB21A	P01	56	CDMU	CDMUP081	38	XPND1/CDMU_Pout_Mnt	ACT	XPND1	XPND1P08	05	An_Mnt	IV	NOM
PWR	DB21A	P01	60	ACC	ACCP133	06	EGSE/ACC_CRS1_Ang_X_Meas	RTN	SK05	SK05J01	13	CRS_Meas	IV	NOM
PWR	DB21A	P01	61	ACC	ACCP133	07	EGSE/ACC_CRS1_Ang_Y_Meas	RTN	SK05	SK05J01	12	CRS_Meas	IV	NOM
PWR	DB21A	P01	62	ACC	ACCP133	08	EGSE/ACC_CRS1_Ang_Z_Meas	RTN	SK05	SK05J01	09	CRS_Meas	IV	NOM
PWR	DB21A	P01	66	ACC	ACCP133	14	EGSE/ACC_+X_nominal_Mnt	RTN	SK05	SK05J05	3	AAD_Mnt	IV	NOM
PWR	DB21A	P01	70	CDMU	CDMUP081	16	XPND1/CDMU_Rx1_PLL_SPE_Mnt	RTN	XPND1	XPND1P08	06	An_Mnt	IV	NOM
PWR	DB21A	P01	71	CDMU	CDMUP081	18	EPC1/CDMU_Anode_Voltage_Mnt	RTN	EPC1	EPC1P01	35	An_Mnt	IV	NOM
PWR	DB21A	P01	75	CDMU	CDMUP081	35	XPND1/CDMU_Rx1_AGC_Level_Mnt	RTN	XPND1	XPND1P08	06	An_Mnt	IV	NOM
PWR	DB21A	P01	76	CDMU	CDMUP081	37	XPND1/CDMU_Pout_Mnt	RTN	XPND1	XPND1P08	18	An_Mnt	IV	NOM

5.3.2 DB21A P02– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P02	3	CDMU	CDMUP081	59	XPND1/CDMU_Tx_Volt2_Mnt	ACT	XPND1	XPND1P08	01	An_Mnt	IV	NOM
PWR	DB21A	P02	8	CDMU	CDMUP081	76	EPC1/CDMU_Helix_Current_Mnt	ACT	EPC1	EPC1P01	34	An_Mnt	IV	NOM
PWR	DB21A	P02	9	CDMU	CDMUP081	78	XPND1/CDMU_Rx_Volt1_Mnt	ACT	XPND1	XPND1P08	13	An_Mnt	IV	NOM
PWR	DB21A	P02	11	CDMU	CDMUP085	36	XPND1/CDMU_Therm-3_Tx_Mnt	ACT	XPND1	XPND1P08	03	Therm	IV	NOM
PWR	DB21A	P02	12	CDMU	CDMUP085	44	RFDN/CDMU_Therm-18_Diplexer1_Mnt	ACT	RFDN	RFDNP23	FL1	Therm	IV	NOM
PWR	DB21A	P02	13	CDMU	CDMUP085	53	RFDN/CDMU_Therm-6_Isolator1_Mnt	ACT	RFDN	RFDNP21	FL1	Therm	IV	NOM
PWR	DB21A	P02	14	CDMU	CDMUP085	72	EPC1/CDMU_Therm-5_Mnt	ACT	EPC1	EPC1P01	08	Therm	IV	NOM
PWR	DB21A	P02	15	CDMU	CDMUP085	16	XPND1/CDMU_Therm-4_Rx_Mnt	ACT	XPND1	XPND1P08	11	Therm	IV	NOM
PWR	DB21A	P02	17	CDMU	CDMUP101	05	THERM-064/CDMU_TCS_Line16_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	18	CDMU	CDMUP101	07	THERM-060/CDMU_TCS_Line12_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	19	CDMU	CDMUP101	09	THERM-056/CDMU_TCS_Line08_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P02	23	CDMU	CDMUP081	58	XPND1/CDMU_Tx_Volt2_Mnt	RTN	XPND1	XPND1P08	14	An_Mnt	IV	NOM
PWR	DB21A	P02	28	CDMU	CDMUP081	75	EPC1/CDMU_Helix_Current_Mnt	RTN	EPC1	EPC1P01	35	An_Mnt	IV	NOM
PWR	DB21A	P02	29	CDMU	CDMUP081	77	XPND1/CDMU_Rx_Volt1_Mnt	RTN	XPND1	XPND1P08	25	An_Mnt	IV	NOM
PWR	DB21A	P02	31	CDMU	CDMUP085	35	XPND1/CDMU_Therm-3_Tx_Mnt	RTN	XPND1	XPND1P08	16	Therm	IV	NOM
PWR	DB21A	P02	32	CDMU	CDMUP085	43	RFDN/CDMU_Therm-18_Diplexer1_Mnt	RTN	RFDN	RFDNP23	FL2	Therm	IV	NOM
PWR	DB21A	P02	33	CDMU	CDMUP085	52	RFDN/CDMU_Therm-6_Isolator1_Mnt	RTN	RFDN	RFDNP21	FL2	Therm	IV	NOM
PWR	DB21A	P02	34	CDMU	CDMUP085	71	EPC1/CDMU_Therm-5_Mnt	RTN	EPC1	EPC1P01	27	Therm	IV	NOM
PWR	DB21A	P02	35	CDMU	CDMUP085	15	XPND1/CDMU_Therm-4_Rx_Mnt	RTN	XPND1	XPND1P08	23	Therm	IV	NOM
PWR	DB21A	P02	37	CDMU	CDMUP101	04	THERM-064/CDMU_TCS_Line16_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	38	CDMU	CDMUP101	06	THERM-060/CDMU_TCS_Line12_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	39	CDMU	CDMUP101	08	THERM-056/CDMU_TCS_Line08_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	40	CDMU	CDMUP101	11	THERM-052/CDMU_FPDPU_Temp_N	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	44	CDMU	CDMUP101	24	THERM-063/CDMU_TCS_Line15_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	45	CDMU	CDMUP101	26	THERM-059/CDMU_TCS_Line11_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	46	CDMU	CDMUP101	28	THERM-055/CDMU_TCS_Line07_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	51	CDMU	CDMUP101	45	THERM-062/CDMU_TCS_Line14_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	52	CDMU	CDMUP101	47	THERM-058/CDMU_TCS_Line10_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	53	CDMU	CDMUP101	49	THERM-054/CDMU_TCS_Line06_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	54	CDMU	CDMUP101	51	THERM-050/CDMU_TCS_Line02_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P02	60	CDMU	CDMUP101	10	THERM-052/CDMU_FPDPU_Temp_N	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	64	CDMU	CDMUP101	23	THERM-063/CDMU_TCS_Line15_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	65	CDMU	CDMUP101	25	THERM-059/CDMU_TCS_Line11_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	66	CDMU	CDMUP101	27	THERM-055/CDMU_TCS_Line07_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	71	CDMU	CDMUP101	44	THERM-062/CDMU_TCS_Line14_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	72	CDMU	CDMUP101	46	THERM-058/CDMU_TCS_Line10_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	73	CDMU	CDMUP101	48	THERM-054/CDMU_TCS_Line06_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P02	74	CDMU	CDMUP101	50	THERM-050/CDMU_TCS_Line02_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM

5.3.3 DB21A P03– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P03	1	CDMU	CDMUP101	64	THERM-061/CDMU_TCS_Line13_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	2	CDMU	CDMUP101	66	THERM-057/CDMU_TCS_Line09_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	3	CDMU	CDMUP101	68	THERM-053/CDMU_TCS_Line05_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	4	CDMU	CDMUP101	70	THERM-049/CDMU_TCS_Line01_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	10	CDMU	CDMUP103	02	THERM-095/CDMU_TCS_Line47_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	11	CDMU	CDMUP103	04	THERM-092/CDMU_TCS_Line44_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	12	CDMU	CDMUP103	06	THERM-088/CDMU_TCS_Line40_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	13	CDMU	CDMUP103	08	THERM-084/CDMU_TCS_Line36_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	14	CDMU	CDMUP103	13	THERM-080/CDMU_TCS_Line32_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	15	CDMU	CDMUP103	15	THERM-076/CDMU_TCS_Line28_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	16	CDMU	CDMUP103	17	THERM-072/CDMU_TCS_Line24_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	17	CDMU	CDMUP103	19	THERM-068/CDMU_TCS_Line20_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	18	CDMU	CDMUP103	22	THERM-094/CDMU_TCS_Line46_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	19	CDMU	CDMUP103	24	THERM-091/CDMU_TCS_Line43_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	21	CDMU	CDMUP101	63	THERM-061/CDMU_TCS_Line13_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	22	CDMU	CDMUP101	65	THERM-057/CDMU_TCS_Line09_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	23	CDMU	CDMUP101	67	THERM-053/CDMU_TCS_Line05_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	24	CDMU	CDMUP101	69	THERM-049/CDMU_TCS_Line01_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	30	CDMU	CDMUP103	01	THERM-095/CDMU_TCS_Line47_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	31	CDMU	CDMUP103	03	THERM-092/CDMU_TCS_Line44_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	32	CDMU	CDMUP103	05	THERM-088/CDMU_TCS_Line40_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	33	CDMU	CDMUP103	07	THERM-084/CDMU_TCS_Line36_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	34	CDMU	CDMUP103	12	THERM-080/CDMU_TCS_Line32_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	35	CDMU	CDMUP103	14	THERM-076/CDMU_TCS_Line28_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	36	CDMU	CDMUP103	16	THERM-072/CDMU_TCS_Line24_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	37	CDMU	CDMUP103	18	THERM-068/CDMU_TCS_Line20_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P03	38	CDMU	CDMUP103	21	THERM-094/CDMU_TCS_Line46_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	39	CDMU	CDMUP103	23	THERM-091/CDMU_TCS_Line43_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	40	CDMU	CDMUP103	26	THERM-087/CDMU_TCS_Line39_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	41	CDMU	CDMUP103	28	THERM-083/CDMU_TCS_Line35_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	42	CDMU	CDMUP103	32	THERM-079/CDMU_TCS_Line31_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	43	CDMU	CDMUP103	34	THERM-075/CDMU_TCS_Line27_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	44	CDMU	CDMUP103	36	THERM-071/CDMU_TCS_Line23_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	45	CDMU	CDMUP103	38	THERM-067/CDMU_TCS_Line19_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	46	CDMU	CDMUP103	41	THERM-093/CDMU_TCS_Line45_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	47	CDMU	CDMUP103	43	THERM-090/CDMU_TCS_Line42_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	48	CDMU	CDMUP103	45	THERM-086/CDMU_TCS_Line38_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	49	CDMU	CDMUP103	47	THERM-082/CDMU_TCS_Line34_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	50	CDMU	CDMUP103	52	THERM-078/CDMU_TCS_Line30_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	51	CDMU	CDMUP103	54	THERM-074/CDMU_TCS_Line26_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	52	CDMU	CDMUP103	56	THERM-070/CDMU_TCS_Line22_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	53	CDMU	CDMUP103	58	THERM-066/CDMU_TCS_Line18_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	54	CDMU	CDMUP103	62	THERM-089/CDMU_TCS_Line41_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	55	CDMU	CDMUP103	64	THERM-085/CDMU_TCS_Line37_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	56	CDMU	CDMUP103	66	THERM-081/CDMU_TCS_Line33_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	57	CDMU	CDMUP103	72	THERM-077/CDMU_TCS_Line29_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	58	CDMU	CDMUP103	74	THERM-073/CDMU_TCS_Line25_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P03	60	CDMU	CDMUP103	25	THERM-087/CDMU_TCS_Line39_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	61	CDMU	CDMUP103	27	THERM-083/CDMU_TCS_Line35_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	62	CDMU	CDMUP103	31	THERM-079/CDMU_TCS_Line31_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	63	CDMU	CDMUP103	33	THERM-075/CDMU_TCS_Line27_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	64	CDMU	CDMUP103	35	THERM-071/CDMU_TCS_Line23_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	65	CDMU	CDMUP103	37	THERM-067/CDMU_TCS_Line19_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	66	CDMU	CDMUP103	40	THERM-093/CDMU_TCS_Line45_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	67	CDMU	CDMUP103	42	THERM-090/CDMU_TCS_Line42_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P03	68	CDMU	CDMUP103	44	THERM-086/CDMU_TCS_Line38_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	69	CDMU	CDMUP103	46	THERM-082/CDMU_TCS_Line34_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	70	CDMU	CDMUP103	51	THERM-078/CDMU_TCS_Line30_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	71	CDMU	CDMUP103	53	THERM-074/CDMU_TCS_Line26_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	72	CDMU	CDMUP103	55	THERM-070/CDMU_TCS_Line22_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	73	CDMU	CDMUP103	57	THERM-066/CDMU_TCS_Line18_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	74	CDMU	CDMUP103	61	THERM-089/CDMU_TCS_Line41_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	75	CDMU	CDMUP103	63	THERM-085/CDMU_TCS_Line37_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	76	CDMU	CDMUP103	65	THERM-081/CDMU_TCS_Line33_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	77	CDMU	CDMUP103	71	THERM-077/CDMU_TCS_Line29_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P03	78	CDMU	CDMUP103	73	THERM-073/CDMU_TCS_Line25_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM

5.3.4 DB21A P04– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P04	1	CDMU	CDMUP103	76	THERM-069/CDMU_TCS_Line21_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P04	2	CDMU	CDMUP103	78	THERM-065/CDMU_TCS_Line17_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P04	4	CDMU	CDMUP105	59	THERM-096/CDMU_TCS_Line48_Th1_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P04	6	PCDU	PCDUP16	02	PCDU/HU1_+28V_Mnt	ACT	HU1	HU1J01	40	An_Mnt	IV	NOM
PWR	DB21A	P04	10	SK02	SK02J07	08	PT/EGSE_Sensor_Meas	ACT	PT	PTP01	E	PT_Meas	IV	NOM
PWR	DB21A	P04	11	SK02	SK02J07	12	THERM/EGSE_Therm1_Tank_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P04	12	SK02	SK02J07	19	THERM/EGSE_Therm3_Tank_Mnt	ACT	THERM	N/A	FL1	Therm	IV	NOM
PWR	DB21A	P04	14	SK02	SK02J08	32	THR_20N04/EGSE_TS_Mnt	ACT	THR_20N04	THR_20N04P03	Green	THR_TS	IV	NOM
PWR	DB21A	P04	15	SK02	SK02J08	34	THR_20N05/EGSE_TS_Mnt	ACT	THR_20N05	THR_20N05P03	Green	THR_TS	IV	NOM
PWR	DB21A	P04	16	SK02	SK02J08	36	THR_20N06/EGSE_TS_Mnt	ACT	THR_20N06	THR_20N06P03	Green	THR_TS	IV	NOM
PWR	DB21A	P04	21	CDMU	CDMUP103	75	THERM-069/CDMU_TCS_Line21_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P04	22	CDMU	CDMUP103	77	THERM-065/CDMU_TCS_Line17_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P04	24	CDMU	CDMUP105	19	THERM-096/CDMU_TCS_Line48_Th1_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM

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PWR	DB21A	P04	26	PCDU	PCDUP16	10	PCDU/HU1_+28V_Mnt	RTN	HU1	HU1J01	41	An_Mnt	IV	NOM
PWR	DB21A	P04	30	SK02	SK02J07	09	PT/EGSE_Sensor_Meas	RTN	PT	PTP01	D	PT_Meas	IV	NOM
PWR	DB21A	P04	31	SK02	SK02J07	13	THERM/EGSE_Therm1_Tank_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P04	32	SK02	SK02J07	20	THERM/EGSE_Therm3_Tank_Mnt	RTN	THERM	N/A	FL2	Therm	IV	NOM
PWR	DB21A	P04	34	SK02	SK02J08	33	THR_20N04/EGSE_TS_Mnt	RTN	THR_20N04	THR_20N04P03	White	THR_TS	IV	NOM
PWR	DB21A	P04	35	SK02	SK02J08	35	THR_20N05/EGSE_TS_Mnt	RTN	THR_20N05	THR_20N05P03	White	THR_TS	IV	NOM
PWR	DB21A	P04	36	SK02	SK02J08	37	THR_20N06/EGSE_TS_Mnt	RTN	THR_20N06	THR_20N06P03	White	THR_TS	IV	NOM
PWR	DB21A	P04	40	SK02	SK02J08	40	THR_20N01/EGSE_TS_Mnt	ACT	THR_20N01	THR_20N01P03	Green	THR_TS	IV	NOM
PWR	DB21A	P04	41	SK02	SK02J08	42	THR_20N02/EGSE_TS_Mnt	ACT	THR_20N02	THR_20N02P03	Green	THR_TS	IV	NOM
PWR	DB21A	P04	42	SK02	SK02J08	44	THR_20N03/EGSE_TS_Mnt	ACT	THR_20N03	THR_20N03P03	Green	THR_TS	IV	NOM
PWR	DB21A	P04	60	SK02	SK02J08	41	THR_20N01/EGSE_TS_Mnt	RTN	THR_20N01	THR_20N01P03	White	THR_TS	IV	NOM
PWR	DB21A	P04	61	SK02	SK02J08	43	THR_20N02/EGSE_TS_Mnt	RTN	THR_20N02	THR_20N02P03	White	THR_TS	IV	NOM
PWR	DB21A	P04	62	SK02	SK02J08	45	THR_20N03/EGSE_TS_Mnt	RTN	THR_20N03	THR_20N03P03	White	THR_TS	IV	NOM

5.4 DB21B – PWR Dismountability Bracket Connectors

5.4.1 DB21B P01– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P01	1	ACC	ACCP071	58	EGSE/ACC_RWL3_Therm_Mnt	ACT	SK04	SK04J03	01	Therm	IV	RED
PWR	DB21B	P01	3	ACC	ACCP073	02	EGSE/ACC_SAS1_PH1_Red_Mnt	ACT	SK05	SK05J07	01	SAS_Mnt	IV	RED
PWR	DB21B	P01	4	ACC	ACCP073	03	EGSE/ACC_SAS1_PH3_Red_Mnt	ACT	SK05	SK05J07	05	SAS_Mnt	IV	RED
PWR	DB21B	P01	5	ACC	ACCP073	05	EGSE/ACC_SAS2_PH1_Red_Mnt	ACT	SK05	SK05J07	17	SAS_Mnt	IV	RED
PWR	DB21B	P01	6	ACC	ACCP073	06	EGSE/ACC_SAS2_PH3_Red_Mnt	ACT	SK05	SK05J07	13	SAS_Mnt	IV	RED
PWR	DB21B	P01	7	ACC	ACCP073	41	EGSE/ACC_SAS1_PH2_Red_Mnt	ACT	SK05	SK05J07	03	SAS_Mnt	IV	RED
PWR	DB21B	P01	8	ACC	ACCP073	42	EGSE/ACC_SAS1_PH4_Red_Mnt	ACT	SK05	SK05J07	07	SAS_Mnt	IV	RED
PWR	DB21B	P01	9	ACC	ACCP073	44	EGSE/ACC_SAS2_PH2_Red_Mnt	ACT	SK05	SK05J07	15	SAS_Mnt	IV	RED
PWR	DB21B	P01	10	ACC	ACCP073	45	EGSE/ACC_SAS2_PH4_Red_Mnt	ACT	SK05	SK05J07	11	SAS_Mnt	IV	RED
PWR	DB21B	P01	11	ACC	ACCP073	58	EGSE/ACC_RWL4_Therm_Mnt	ACT	SK04	SK04J04	01	Therm	IV	RED
PWR	DB21B	P01	13	ACC	ACCP134	01	EGSE/ACC_CRS2_Ang_X_Meas	ACT	SK05	SK05J02	14	CRS_Meas	IV	RED
PWR	DB21B	P01	14	ACC	ACCP134	02	EGSE/ACC_CRS2_Ang_Y_Meas	ACT	SK05	SK05J02	11	CRS_Meas	IV	RED
PWR	DB21B	P01	15	ACC	ACCP134	03	EGSE/ACC_CRS2_Ang_Z_Meas	ACT	SK05	SK05J02	10	CRS_Meas	IV	RED
PWR	DB21B	P01	16	ACC	ACCP134	13	EGSE/ACC_-X_redundant_Mnt	ACT	SK05	SK05J08	4	AAD_Mnt	IV	RED
PWR	DB21B	P01	21	ACC	ACCP071	78	EGSE/ACC_RWL3_Therm_Mnt	RTN	SK04	SK04J03	02	Therm	IV	RED
PWR	DB21B	P01	23	ACC	ACCP073	22	EGSE/ACC_SAS1_PH1_Red_Mnt	RTN	SK05	SK05J07	02	SAS_Mnt	IV	RED
PWR	DB21B	P01	24	ACC	ACCP073	23	EGSE/ACC_SAS1_PH3_Red_Mnt	RTN	SK05	SK05J07	06	SAS_Mnt	IV	RED
PWR	DB21B	P01	25	ACC	ACCP073	25	EGSE/ACC_SAS2_PH1_Red_Mnt	RTN	SK05	SK05J07	18	SAS_Mnt	IV	RED
PWR	DB21B	P01	26	ACC	ACCP073	26	EGSE/ACC_SAS2_PH3_Red_Mnt	RTN	SK05	SK05J07	14	SAS_Mnt	IV	RED
PWR	DB21B	P01	27	ACC	ACCP073	61	EGSE/ACC_SAS1_PH2_Red_Mnt	RTN	SK05	SK05J07	04	SAS_Mnt	IV	RED
PWR	DB21B	P01	28	ACC	ACCP073	62	EGSE/ACC_SAS1_PH4_Red_Mnt	RTN	SK05	SK05J07	08	SAS_Mnt	IV	RED
PWR	DB21B	P01	29	ACC	ACCP073	64	EGSE/ACC_SAS2_PH2_Red_Mnt	RTN	SK05	SK05J07	16	SAS_Mnt	IV	RED
PWR	DB21B	P01	30	ACC	ACCP073	65	EGSE/ACC_SAS2_PH4_Red_Mnt	RTN	SK05	SK05J07	12	SAS_Mnt	IV	RED
PWR	DB21B	P01	31	ACC	ACCP073	78	EGSE/ACC_RWL4_Therm_Mnt	RTN	SK04	SK04J04	02	Therm	IV	RED
PWR	DB21B	P01	33	ACC	ACCP134	06	EGSE/ACC_CRS2_Ang_X_Meas	RTN	SK05	SK05J02	13	CRS_Meas	IV	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P01	34	ACC	ACCP134	07	EGSE/ACC_CRS2_Ang_Y_Meas	RTN	SK05	SK05J02	12	CRS_Meas	IV	RED
PWR	DB21B	P01	35	ACC	ACCP134	08	EGSE/ACC_CRS2_Ang_Z_Meas	RTN	SK05	SK05J02	09	CRS_Meas	IV	RED
PWR	DB21B	P01	36	ACC	ACCP134	14	EGSE/ACC_-X_redundant_Mnt	RTN	SK05	SK05J08	3	AAD_Mnt	IV	RED
PWR	DB21B	P01	42	CDMU	CDMUP091	17	XPND2/CDMU_Rx2_PLL_SPE_Mnt	ACT	XPND2	XPND2P08	10	An_Mnt	IV	RED
PWR	DB21B	P01	43	CDMU	CDMUP091	19	EPC2/CDMU_Anode_Voltage_Mnt	ACT	EPC2	EPC2P01	16	An_Mnt	IV	RED
PWR	DB21B	P01	47	CDMU	CDMUP091	36	XPND2/CDMU_Rx2_AGC_Level_Mnt	ACT	XPND2	XPND2P08	09	An_Mnt	IV	RED
PWR	DB21B	P01	48	CDMU	CDMUP091	38	XPND2/CDMU_Pout_Mnt	ACT	XPND2	XPND2P08	05	An_Mnt	IV	RED
PWR	DB21B	P01	52	CDMU	CDMUP091	59	XPND2/CDMU_Tx_Volt2_Mnt	ACT	XPND2	XPND2P08	01	An_Mnt	IV	RED
PWR	DB21B	P01	57	CDMU	CDMUP091	76	EPC2/CDMU_Helix_Current_Mnt	ACT	EPC2	EPC2P01	34	An_Mnt	IV	RED
PWR	DB21B	P01	58	CDMU	CDMUP091	78	XPND2/CDMU_Rx_Volt1_Mnt	ACT	XPND2	XPND2P08	13	An_Mnt	IV	RED
PWR	DB21B	P01	62	CDMU	CDMUP091	16	XPND2/CDMU_Rx2_PLL_SPE_Mnt	RTN	XPND2	XPND2P08	06	An_Mnt	IV	RED
PWR	DB21B	P01	63	CDMU	CDMUP091	18	EPC2/CDMU_Anode_Voltage_Mnt	RTN	EPC2	EPC2P01	35	An_Mnt	IV	RED
PWR	DB21B	P01	67	CDMU	CDMUP091	35	XPND2/CDMU_Rx2_AGC_Level_Mnt	RTN	XPND2	XPND2P08	06	An_Mnt	IV	RED
PWR	DB21B	P01	68	CDMU	CDMUP091	37	XPND2/CDMU_Pout_Mnt	RTN	XPND2	XPND2P08	18	An_Mnt	IV	RED
PWR	DB21B	P01	72	CDMU	CDMUP091	58	XPND2/CDMU_Tx_Volt2_Mnt	RTN	XPND2	XPND2P08	14	An_Mnt	IV	RED
PWR	DB21B	P01	77	CDMU	CDMUP091	75	EPC2/CDMU_Helix_Current_Mnt	RTN	EPC2	EPC2P01	35	An_Mnt	IV	RED
PWR	DB21B	P01	78	CDMU	CDMUP091	77	XPND2/CDMU_Rx_Volt1_Mnt	RTN	XPND2	XPND2P08	25	An_Mnt	IV	RED

5.4.2 DB21B P02– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P02	1	CDMU	CDMUP095	16	XPND2/CDMU_Therm-28_Rx_Mnt	ACT	XPND2	XPND2P08	11	Therm	IV	RED
PWR	DB21B	P02	2	CDMU	CDMUP095	36	XPND2/CDMU_Therm-27_Tx_Mnt	ACT	XPND2	XPND2P08	03	Therm	IV	RED
PWR	DB21B	P02	3	CDMU	CDMUP095	44	RFDN/CDMU_Therm-42_Diplexer2_Mnt	ACT	RFDN	RFDNP24	FL1	Therm	IV	RED
PWR	DB21B	P02	4	CDMU	CDMUP095	53	RFDN/CDMU_Therm-30_Isolator2_Mnt	ACT	RFDN	RFDNP22	FL1	Therm	IV	RED
PWR	DB21B	P02	5	CDMU	CDMUP095	72	EPC2/CDMU_Therm-29_Mnt	ACT	EPC2	EPC2P01	08	Therm	IV	RED
PWR	DB21B	P02	6	CDMU	CDMUP111	05	THERM-112/CDMU_TCS_Line16_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	7	CDMU	CDMUP111	07	THERM-108/CDMU_TCS_Line12_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P02	8	CDMU	CDMUP111	09	THERM-104/CDMU_TCS_Line08_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	9	CDMU	CDMUP111	11	THERM-100/CDMU_FPDPUP_Temp_R	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	13	CDMU	CDMUP111	24	THERM-111/CDMU_TCS_Line15_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	14	CDMU	CDMUP111	26	THERM-107/CDMU_TCS_Line11_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	15	CDMU	CDMUP111	28	THERM-103/CDMU_TCS_Line07_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	21	CDMU	CDMUP095	15	XPND2/CDMU_Therm-28_Rx_Mnt	RTN	XPND2	XPND2P08	23	Therm	IV	RED
PWR	DB21B	P02	22	CDMU	CDMUP095	35	XPND2/CDMU_Therm-27_Tx_Mnt	RTN	XPND2	XPND2P08	16	Therm	IV	RED
PWR	DB21B	P02	23	CDMU	CDMUP095	43	RFDN/CDMU_Therm-42_Diplexer2_Mnt	RTN	RFDN	RFDNP24	FL2	Therm	IV	RED
PWR	DB21B	P02	24	CDMU	CDMUP095	52	RFDN/CDMU_Therm-30_Isolator2_Mnt	RTN	RFDN	RFDNP22	FL2	Therm	IV	RED
PWR	DB21B	P02	25	CDMU	CDMUP095	71	EPC2/CDMU_Therm-29_Mnt	RTN	EPC2	EPC2P01	27	Therm	IV	RED
PWR	DB21B	P02	26	CDMU	CDMUP111	04	THERM-112/CDMU_TCS_Line16_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	27	CDMU	CDMUP111	06	THERM-108/CDMU_TCS_Line12_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	28	CDMU	CDMUP111	08	THERM-104/CDMU_TCS_Line08_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	29	CDMU	CDMUP111	10	THERM-100/CDMU_FPDPUP_Temp_R	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	33	CDMU	CDMUP111	23	THERM-111/CDMU_TCS_Line15_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	34	CDMU	CDMUP111	25	THERM-107/CDMU_TCS_Line11_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	35	CDMU	CDMUP111	27	THERM-103/CDMU_TCS_Line07_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	40	CDMU	CDMUP111	45	THERM-110/CDMU_TCS_Line14_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	41	CDMU	CDMUP111	47	THERM-106/CDMU_TCS_Line10_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	42	CDMU	CDMUP111	49	THERM-102/CDMU_TCS_Line06_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	43	CDMU	CDMUP111	51	THERM-098/CDMU_TCS_Line02_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	48	CDMU	CDMUP111	64	THERM-109/CDMU_TCS_Line13_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	49	CDMU	CDMUP111	66	THERM-105/CDMU_TCS_Line09_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	50	CDMU	CDMUP111	68	THERM-101/CDMU_TCS_Line05_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	51	CDMU	CDMUP111	70	THERM-097/CDMU_TCS_Line01_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P02	60	CDMU	CDMUP111	44	THERM-110/CDMU_TCS_Line14_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	61	CDMU	CDMUP111	46	THERM-106/CDMU_TCS_Line10_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	62	CDMU	CDMUP111	48	THERM-102/CDMU_TCS_Line06_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	63	CDMU	CDMUP111	50	THERM-098/CDMU_TCS_Line02_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P02	68	CDMU	CDMUP111	63	THERM-109/CDMU_TCS_Line13_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	69	CDMU	CDMUP111	65	THERM-105/CDMU_TCS_Line09_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	70	CDMU	CDMUP111	67	THERM-101/CDMU_TCS_Line05_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	71	CDMU	CDMUP111	69	THERM-097/CDMU_TCS_Line01_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P02	76	ACC	ACCP063	08	EGSE/ACC_CRS2_Therm_Mnt	ACT	SK05	SK05J02	19	Therm	IV	RED
PWR	DB21B	P02	77	ACC	ACCP063	28	EGSE/ACC_CRS2_Therm_Mnt	RTN	SK05	SK05J02	20	Therm	IV	RED

5.4.3 DB21B P03– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P03	1	CDMU	CDMUP113	02	THERM-143/CDMU_TCS_Line47_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	2	CDMU	CDMUP113	04	THERM-140/CDMU_TCS_Line44_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	3	CDMU	CDMUP113	06	THERM-136/CDMU_TCS_Line40_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	4	CDMU	CDMUP113	08	THERM-132/CDMU_TCS_Line36_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	5	CDMU	CDMUP113	13	THERM-128/CDMU_TCS_Line32_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	6	CDMU	CDMUP113	15	THERM-124/CDMU_TCS_Line28_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	7	CDMU	CDMUP113	17	THERM-120/CDMU_TCS_Line24_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	8	CDMU	CDMUP113	19	THERM-116/CDMU_TCS_Line20_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	9	CDMU	CDMUP113	22	THERM-142/CDMU_TCS_Line46_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	10	CDMU	CDMUP113	24	THERM-139/CDMU_TCS_Line43_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	11	CDMU	CDMUP113	26	THERM-135/CDMU_TCS_Line39_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	12	CDMU	CDMUP113	28	THERM-131/CDMU_TCS_Line35_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	13	CDMU	CDMUP113	32	THERM-127/CDMU_TCS_Line31_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	14	CDMU	CDMUP113	34	THERM-123/CDMU_TCS_Line27_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	15	CDMU	CDMUP113	36	THERM-119/CDMU_TCS_Line23_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	16	CDMU	CDMUP113	38	THERM-115/CDMU_TCS_Line19_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	17	CDMU	CDMUP113	41	THERM-141/CDMU_TCS_Line45_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	18	CDMU	CDMUP113	43	THERM-138/CDMU_TCS_Line42_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P03	19	CDMU	CDMUP113	45	THERM-134/CDMU_TCS_Line38_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	21	CDMU	CDMUP113	01	THERM-143/CDMU_TCS_Line47_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	22	CDMU	CDMUP113	03	THERM-140/CDMU_TCS_Line44_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	23	CDMU	CDMUP113	05	THERM-136/CDMU_TCS_Line40_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	24	CDMU	CDMUP113	07	THERM-132/CDMU_TCS_Line36_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	25	CDMU	CDMUP113	12	THERM-128/CDMU_TCS_Line32_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	26	CDMU	CDMUP113	14	THERM-124/CDMU_TCS_Line28_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	27	CDMU	CDMUP113	16	THERM-120/CDMU_TCS_Line24_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	28	CDMU	CDMUP113	18	THERM-116/CDMU_TCS_Line20_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	29	CDMU	CDMUP113	21	THERM-142/CDMU_TCS_Line46_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	30	CDMU	CDMUP113	23	THERM-139/CDMU_TCS_Line43_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	31	CDMU	CDMUP113	25	THERM-135/CDMU_TCS_Line39_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	32	CDMU	CDMUP113	27	THERM-131/CDMU_TCS_Line35_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	33	CDMU	CDMUP113	31	THERM-127/CDMU_TCS_Line31_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	34	CDMU	CDMUP113	33	THERM-123/CDMU_TCS_Line27_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	35	CDMU	CDMUP113	35	THERM-119/CDMU_TCS_Line23_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	36	CDMU	CDMUP113	37	THERM-115/CDMU_TCS_Line19_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	37	CDMU	CDMUP113	40	THERM-141/CDMU_TCS_Line45_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	38	CDMU	CDMUP113	42	THERM-138/CDMU_TCS_Line42_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	39	CDMU	CDMUP113	44	THERM-134/CDMU_TCS_Line38_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	40	CDMU	CDMUP113	47	THERM-130/CDMU_TCS_Line34_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	41	CDMU	CDMUP113	52	THERM-126/CDMU_TCS_Line30_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	42	CDMU	CDMUP113	54	THERM-122/CDMU_TCS_Line26_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	43	CDMU	CDMUP113	56	THERM-118/CDMU_TCS_Line22_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	44	CDMU	CDMUP113	58	THERM-114/CDMU_TCS_Line18_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	45	CDMU	CDMUP113	62	THERM-137/CDMU_TCS_Line41_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	46	CDMU	CDMUP113	64	THERM-133/CDMU_TCS_Line37_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	47	CDMU	CDMUP113	66	THERM-129/CDMU_TCS_Line33_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	48	CDMU	CDMUP113	72	THERM-125/CDMU_TCS_Line29_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P03	49	CDMU	CDMUP113	74	THERM-121/CDMU_TCS_Line25_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	50	CDMU	CDMUP113	76	THERM-117/CDMU_TCS_Line21_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	51	CDMU	CDMUP113	78	THERM-113/CDMU_TCS_Line17_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	53	CDMU	CDMUP115	59	THERM-144/CDMU_TCS_Line48_Th2_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED
PWR	DB21B	P03	60	CDMU	CDMUP113	46	THERM-130/CDMU_TCS_Line34_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	61	CDMU	CDMUP113	51	THERM-126/CDMU_TCS_Line30_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	62	CDMU	CDMUP113	53	THERM-122/CDMU_TCS_Line26_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	63	CDMU	CDMUP113	55	THERM-118/CDMU_TCS_Line22_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	64	CDMU	CDMUP113	57	THERM-114/CDMU_TCS_Line18_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	65	CDMU	CDMUP113	61	THERM-137/CDMU_TCS_Line41_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	66	CDMU	CDMUP113	63	THERM-133/CDMU_TCS_Line37_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	67	CDMU	CDMUP113	65	THERM-129/CDMU_TCS_Line33_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	68	CDMU	CDMUP113	71	THERM-125/CDMU_TCS_Line29_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	69	CDMU	CDMUP113	73	THERM-121/CDMU_TCS_Line25_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	70	CDMU	CDMUP113	75	THERM-117/CDMU_TCS_Line21_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	71	CDMU	CDMUP113	77	THERM-113/CDMU_TCS_Line17_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED
PWR	DB21B	P03	73	CDMU	CDMUP115	19	THERM-144/CDMU_TCS_Line48_Th2_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED

5.4.4 DB21B P04– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P04	6	PCDU	PCDUP20	02	PCDU/HU2_+28V_Mnt	ACT	HU2	HU2J01	40	An_Mnt	IV	RED
PWR	DB21B	P04	9	SK02	SK02J11	32	THR_20N10/EGSE_TS_Mnt	ACT	THR_20N10	THR_20N10P03	Green	THR_TS	IV	RED
PWR	DB21B	P04	10	SK02	SK02J11	34	THR_20N11/EGSE_TS_Mnt	ACT	THR_20N11	THR_20N11P03	Green	THR_TS	IV	RED
PWR	DB21B	P04	11	SK02	SK02J11	36	THR_20N12/EGSE_TS_Mnt	ACT	THR_20N12	THR_20N12P03	Green	THR_TS	IV	RED
PWR	DB21B	P04	13	SK02	SK02J11	40	THR_20N07/EGSE_TS_Mnt	ACT	THR_20N07	THR_20N07P03	Green	THR_TS	IV	RED
PWR	DB21B	P04	14	SK02	SK02J11	42	THR_20N08/EGSE_TS_Mnt	ACT	THR_20N08	THR_20N08P03	Green	THR_TS	IV	RED
PWR	DB21B	P04	15	SK02	SK02J11	44	THR_20N09/EGSE_TS_Mnt	ACT	THR_20N09	THR_20N09P03	Green	THR_TS	IV	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P04	26	PCDU	PCDUP20	10	PCDU/HU2_+28V_Mnt	RTN	HU2	HU2J01	41	An_Mnt	IV	RED
PWR	DB21B	P04	29	SK02	SK02J11	33	THR_20N10/EGSE_TS_Mnt	RTN	THR_20N10	THR_20N10P03	White	THR_TS	IV	RED
PWR	DB21B	P04	30	SK02	SK02J11	35	THR_20N11/EGSE_TS_Mnt	RTN	THR_20N11	THR_20N11P03	White	THR_TS	IV	RED
PWR	DB21B	P04	31	SK02	SK02J11	37	THR_20N12/EGSE_TS_Mnt	RTN	THR_20N12	THR_20N12P03	White	THR_TS	IV	RED
PWR	DB21B	P04	33	SK02	SK02J11	41	THR_20N07/EGSE_TS_Mnt	RTN	THR_20N07	THR_20N07P03	White	THR_TS	IV	RED
PWR	DB21B	P04	34	SK02	SK02J11	43	THR_20N08/EGSE_TS_Mnt	RTN	THR_20N08	THR_20N08P03	White	THR_TS	IV	RED
PWR	DB21B	P04	35	SK02	SK02J11	45	THR_20N09/EGSE_TS_Mnt	RTN	THR_20N09	THR_20N09P03	White	THR_TS	IV	RED

5.4.5 DB21B P05 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P05	1	CDMU	CDMUP121	05	THERM-160/CDMU_TCS_Line16_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	2	CDMU	CDMUP121	07	THERM-156/CDMU_TCS_Line12_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	3	CDMU	CDMUP121	09	THERM-152/CDMU_TCS_Line08_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	4	CDMU	CDMUP121	11	THERM-148/CDMU_TCS_Line04_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	6	CDMU	CDMUP121	24	THERM-159/CDMU_TCS_Line15_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	7	CDMU	CDMUP121	26	THERM-155/CDMU_TCS_Line11_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	8	CDMU	CDMUP121	28	THERM-151/CDMU_TCS_Line07_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	11	CDMU	CDMUP121	45	THERM-158/CDMU_TCS_Line14_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	12	CDMU	CDMUP121	47	THERM-154/CDMU_TCS_Line10_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	13	CDMU	CDMUP121	49	THERM-150/CDMU_TCS_Line06_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	14	CDMU	CDMUP121	51	THERM-146/CDMU_TCS_Line02_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	16	CDMU	CDMUP121	64	THERM-157/CDMU_TCS_Line13_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	17	CDMU	CDMUP121	66	THERM-153/CDMU_TCS_Line09_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	18	CDMU	CDMUP121	68	THERM-149/CDMU_TCS_Line05_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	21	CDMU	CDMUP121	04	THERM-160/CDMU_TCS_Line16_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	22	CDMU	CDMUP121	06	THERM-156/CDMU_TCS_Line12_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	23	CDMU	CDMUP121	08	THERM-152/CDMU_TCS_Line08_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P05	24	CDMU	CDMUP121	10	THERM-148/CDMU_TCS_Line04_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	26	CDMU	CDMUP121	23	THERM-159/CDMU_TCS_Line15_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	27	CDMU	CDMUP121	25	THERM-155/CDMU_TCS_Line11_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	28	CDMU	CDMUP121	27	THERM-151/CDMU_TCS_Line07_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	31	CDMU	CDMUP121	44	THERM-158/CDMU_TCS_Line14_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	32	CDMU	CDMUP121	46	THERM-154/CDMU_TCS_Line10_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	33	CDMU	CDMUP121	48	THERM-150/CDMU_TCS_Line06_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	34	CDMU	CDMUP121	50	THERM-146/CDMU_TCS_Line02_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	36	CDMU	CDMUP121	63	THERM-157/CDMU_TCS_Line13_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	37	CDMU	CDMUP121	65	THERM-153/CDMU_TCS_Line09_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	38	CDMU	CDMUP121	67	THERM-149/CDMU_TCS_Line05_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P05	40	CDMU	CDMUP121	70	THERM-145/CDMU_TCS_Line01_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P05	60	CDMU	CDMUP121	69	THERM-145/CDMU_TCS_Line01_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2

5.4.6 DB21B P06– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P06	1	CDMU	CDMUP123	02	THERM-191/CDMU_TCS_Line47_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	2	CDMU	CDMUP123	04	THERM-188/CDMU_TCS_Line44_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	3	CDMU	CDMUP123	06	THERM-184/CDMU_TCS_Line40_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	4	CDMU	CDMUP123	08	THERM-180/CDMU_TCS_Line36_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	5	CDMU	CDMUP123	13	THERM-176/CDMU_TCS_Line32_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	6	CDMU	CDMUP123	15	THERM-172/CDMU_TCS_Line28_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	7	CDMU	CDMUP123	17	THERM-168/CDMU_TCS_Line24_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	8	CDMU	CDMUP123	19	THERM-164/CDMU_TCS_Line20_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	9	CDMU	CDMUP123	22	THERM-190/CDMU_TCS_Line46_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	10	CDMU	CDMUP123	24	THERM-187/CDMU_TCS_Line43_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	11	CDMU	CDMUP123	26	THERM-183/CDMU_TCS_Line39_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2



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PWR	DB21B	P06	12	CDMU	CDMUP123	28	THERM-179/CDMU_TCS_Line35_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	13	CDMU	CDMUP123	32	THERM-175/CDMU_TCS_Line31_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	14	CDMU	CDMUP123	34	THERM-171/CDMU_TCS_Line27_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	15	CDMU	CDMUP123	36	THERM-167/CDMU_TCS_Line23_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	16	CDMU	CDMUP123	38	THERM-163/CDMU_TCS_Line19_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	17	CDMU	CDMUP123	41	THERM-189/CDMU_TCS_Line45_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	18	CDMU	CDMUP123	43	THERM-186/CDMU_TCS_Line42_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	19	CDMU	CDMUP123	45	THERM-182/CDMU_TCS_Line38_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	21	CDMU	CDMUP123	01	THERM-191/CDMU_TCS_Line47_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	22	CDMU	CDMUP123	03	THERM-188/CDMU_TCS_Line44_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	23	CDMU	CDMUP123	05	THERM-184/CDMU_TCS_Line40_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	24	CDMU	CDMUP123	07	THERM-180/CDMU_TCS_Line36_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	25	CDMU	CDMUP123	12	THERM-176/CDMU_TCS_Line32_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	26	CDMU	CDMUP123	14	THERM-172/CDMU_TCS_Line28_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	27	CDMU	CDMUP123	16	THERM-168/CDMU_TCS_Line24_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	28	CDMU	CDMUP123	18	THERM-164/CDMU_TCS_Line20_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	29	CDMU	CDMUP123	21	THERM-190/CDMU_TCS_Line46_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	30	CDMU	CDMUP123	23	THERM-187/CDMU_TCS_Line43_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	31	CDMU	CDMUP123	25	THERM-183/CDMU_TCS_Line39_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	32	CDMU	CDMUP123	27	THERM-179/CDMU_TCS_Line35_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	33	CDMU	CDMUP123	31	THERM-175/CDMU_TCS_Line31_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	34	CDMU	CDMUP123	33	THERM-171/CDMU_TCS_Line27_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	35	CDMU	CDMUP123	35	THERM-167/CDMU_TCS_Line23_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	36	CDMU	CDMUP123	37	THERM-163/CDMU_TCS_Line19_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	37	CDMU	CDMUP123	40	THERM-189/CDMU_TCS_Line45_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	38	CDMU	CDMUP123	42	THERM-186/CDMU_TCS_Line42_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	39	CDMU	CDMUP123	44	THERM-182/CDMU_TCS_Line38_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	40	CDMU	CDMUP123	47	THERM-178/CDMU_TCS_Line34_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	41	CDMU	CDMUP123	52	THERM-174/CDMU_TCS_Line30_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P06	42	CDMU	CDMUP123	54	THERM-170/CDMU_TCS_Line26_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	43	CDMU	CDMUP123	56	THERM-166/CDMU_TCS_Line22_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	44	CDMU	CDMUP123	58	THERM-162/CDMU_TCS_Line18_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	45	CDMU	CDMUP123	62	THERM-185/CDMU_TCS_Line41_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	46	CDMU	CDMUP123	64	THERM-181/CDMU_TCS_Line37_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	47	CDMU	CDMUP123	66	THERM-177/CDMU_TCS_Line33_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	48	CDMU	CDMUP123	72	THERM-173/CDMU_TCS_Line29_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	49	CDMU	CDMUP123	74	THERM-169/CDMU_TCS_Line25_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	50	CDMU	CDMUP123	76	THERM-165/CDMU_TCS_Line21_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	51	CDMU	CDMUP123	78	THERM-161/CDMU_TCS_Line17_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	53	CDMU	CDMUP125	59	THERM-192/CDMU_TCS_Line48_Th3_Mnt	ACT	THERM	N/A	FL1	Therm	IV	RED2
PWR	DB21B	P06	60	CDMU	CDMUP123	46	THERM-178/CDMU_TCS_Line34_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	61	CDMU	CDMUP123	51	THERM-174/CDMU_TCS_Line30_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	62	CDMU	CDMUP123	53	THERM-170/CDMU_TCS_Line26_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	63	CDMU	CDMUP123	55	THERM-166/CDMU_TCS_Line22_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	64	CDMU	CDMUP123	57	THERM-162/CDMU_TCS_Line18_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	65	CDMU	CDMUP123	61	THERM-185/CDMU_TCS_Line41_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	66	CDMU	CDMUP123	63	THERM-181/CDMU_TCS_Line37_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	67	CDMU	CDMUP123	65	THERM-177/CDMU_TCS_Line33_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	68	CDMU	CDMUP123	71	THERM-173/CDMU_TCS_Line29_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	69	CDMU	CDMUP123	73	THERM-169/CDMU_TCS_Line25_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	70	CDMU	CDMUP123	75	THERM-165/CDMU_TCS_Line21_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	71	CDMU	CDMUP123	77	THERM-161/CDMU_TCS_Line17_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2
PWR	DB21B	P06	73	CDMU	CDMUP125	19	THERM-192/CDMU_TCS_Line48_Th3_Mnt	RTN	THERM	N/A	FL2	Therm	IV	RED2

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5.5 DB03 – PACS Dismountability Bracket Connectors

5.5.1 DB03 P01 – PACS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PACS	DB03	P01	1	THERM	N/A	FL1	THERM-053/CDMU_TCS_Line05_Th1_Mnt	ACT	CDMU	CDMUP101	68	Therm	IV	NOM
PACS	DB03	P01	2	THERM	N/A	FL2	THERM-053/CDMU_TCS_Line05_Th1_Mnt	RTN	CDMU	CDMUP101	67	Therm	IV	NOM
PACS	DB03	P01	3	THERM	N/A	FL1	THERM-054/CDMU_TCS_Line06_Th1_Mnt	ACT	CDMU	CDMUP101	49	Therm	IV	NOM
PACS	DB03	P01	4	THERM	N/A	FL2	THERM-054/CDMU_TCS_Line06_Th1_Mnt	RTN	CDMU	CDMUP101	48	Therm	IV	NOM
PACS	DB03	P01	6	THERM	N/A	FL1	THERM-056/CDMU_TCS_Line08_Th1_Mnt	ACT	CDMU	CDMUP101	09	Therm	IV	NOM
PACS	DB03	P01	7	THERM	N/A	FL2	THERM-056/CDMU_TCS_Line08_Th1_Mnt	RTN	CDMU	CDMUP101	08	Therm	IV	NOM
PACS	DB03	P01	13	THERM	N/A	FL2	THERM-052/CDMU_FPDPUP_Temp_N	RTN	CDMU	CDMUP101	10	Therm	IV	NOM
PACS	DB03	P01	14	THERM	N/A	FL1	THERM-052/CDMU_FPDPUP_Temp_N	ACT	CDMU	CDMUP101	11	Therm	IV	NOM

5.5.2 DB03 P02 – PACS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PACS	DB03	P02	1	THERM	N/A	FL1	THERM-101/CDMU_TCS_Line05_Th2_Mnt	ACT	CDMU	CDMUP111	68	Therm	IV	RED
PACS	DB03	P02	2	THERM	N/A	FL2	THERM-101/CDMU_TCS_Line05_Th2_Mnt	RTN	CDMU	CDMUP111	67	Therm	IV	RED
PACS	DB03	P02	3	THERM	N/A	FL1	THERM-102/CDMU_TCS_Line06_Th2_Mnt	ACT	CDMU	CDMUP111	49	Therm	IV	RED
PACS	DB03	P02	4	THERM	N/A	FL2	THERM-102/CDMU_TCS_Line06_Th2_Mnt	RTN	CDMU	CDMUP111	48	Therm	IV	RED
PACS	DB03	P02	6	THERM	N/A	FL1	THERM-104/CDMU_TCS_Line08_Th2_Mnt	ACT	CDMU	CDMUP111	09	Therm	IV	RED
PACS	DB03	P02	7	THERM	N/A	FL2	THERM-104/CDMU_TCS_Line08_Th2_Mnt	RTN	CDMU	CDMUP111	08	Therm	IV	RED
PACS	DB03	P02	13	THERM	N/A	FL1	THERM-100/CDMU_FPDPUP_Temp_R	ACT	CDMU	CDMUP111	10	Therm	IV	RED
PACS	DB03	P02	14	THERM	N/A	FL2	THERM-100/CDMU_FPDPUP_Temp_R	RTN	CDMU	CDMUP111	11	Therm	IV	RED

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5.5.3 DB03 P03 – PACS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PACS	DB03	P03	1	THERM	N/A	FL1	THERM-149/CDMU_TCS_Line05_Th3_Mnt	ACT	CDMU	CDMUP121	68	Therm	IV	RED2
PACS	DB03	P03	2	THERM	N/A	FL2	THERM-149/CDMU_TCS_Line05_Th3_Mnt	RTN	CDMU	CDMUP121	67	Therm	IV	RED2
PACS	DB03	P03	3	THERM	N/A	FL1	THERM-150/CDMU_TCS_Line06_Th3_Mnt	ACT	CDMU	CDMUP121	49	Therm	IV	RED2
PACS	DB03	P03	4	THERM	N/A	FL2	THERM-150/CDMU_TCS_Line06_Th3_Mnt	RTN	CDMU	CDMUP121	48	Therm	IV	RED2
PACS	DB03	P03	6	THERM	N/A	FL1	THERM-152/CDMU_TCS_Line08_Th3_Mnt	ACT	CDMU	CDMUP121	09	Therm	IV	RED2
PACS	DB03	P03	7	THERM	N/A	FL2	THERM-152/CDMU_TCS_Line08_Th3_Mnt	RTN	CDMU	CDMUP121	08	Therm	IV	RED2

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5.6 DB31 – PACS Dismountability Bracket Connectors

5.6.1 DB31 P01 – PACS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PACS	DB31	P01	3	FPMEC1	FPMEC1P31	5	CDMU/FPMEC1_Nom_Sync	ACT	CDMU	CDMUP083	59	LOBT_Sync	II	NOM
PACS	DB31	P01	8	FPMEC1	FPMEC1P31	9	CDMU/FPMEC1_Nom_Sync	RTN	CDMU	CDMUP083	58	LOBT_Sync	II	NOM

5.6.2 DB31 P02 – PACS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PACS	DB31	P02	3	FPMEC2	FPMEC2P131	5	CDMU/FPMEC2_Red_Sync	ACT	CDMU	CDMUP093	59	LOBT_Sync	II	RED
PACS	DB31	P02	8	FPMEC2	FPMEC2P131	9	CDMU/FPMEC2_Red_Sync	RTN	CDMU	CDMUP093	58	LOBT_Sync	II	RED

5.7 DB32 – PACS Dismountability Bracket Connectors

5.7.1 DB32 P01 – PACS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device Name	Conn Name	Pin	Functional name	Extension	Device Name 1	Conn Name 1	Pin 1	Signal Type	EMC	N/R
PACS	DB32	P01	1	FPBOLC	FPBOLCP25	2	PCDU/FPBOLC_Nom_Pwr-1	ACT	PCDU	PCDUP32	09	PWR		NOM
PACS	DB32	P01	2	FPBOLC	FPBOLCP25	7	PCDU/FPBOLC_Nom_Pwr-2	ACT	PCDU	PCDUP32	10	PWR		NOM
PACS	DB32	P01	3	FPDPU	FPDPUP01	2	PCDU/FPDPU_Nom_Pwr-1	ACT	PCDU	PCDUP30	05	PWR		NOM
PACS	DB32	P01	4	FPDPU	FPDPUP01	7	PCDU/FPDPU_Nom_Pwr-2	ACT	PCDU	PCDUP30	06	PWR		NOM
PACS	DB32	P01	5	FPMEC1	FPMEC1P30	2	PCDU/FPMEC1_Pwr-1	ACT	PCDU	PCDUP10	11	PWR		NOM
PACS	DB32	P01	6	FPMEC1	FPMEC1P30	7	PCDU/FPMEC1_Pwr-2	ACT	PCDU	PCDUP10	12	PWR		NOM
PACS	DB32	P01	7	FPSPU1	FPSPU1P11	2	PCDU/FPSPU1_Pwr-1	ACT	PCDU	PCDUP10	03	PWR		NOM
PACS	DB32	P01	8	FPSPU1	FPSPU1P11	1	PCDU/FPSPU1_Pwr-2	ACT	PCDU	PCDUP10	04	PWR		NOM
PACS	DB32	P01	9	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line5_Nom_Pwr	ACT	PCDU	PCDUP03	05	PWR		NOM
PACS	DB32	P01	10	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line6_Nom_Pwr	ACT	PCDU	PCDUP03	08	PWR		NOM
PACS	DB32	P01	11	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line8_Nom_Pwr	ACT	PCDU	PCDUP03	10	PWR		NOM
PACS	DB32	P01	20	FPBOLC	FPBOLCP25	4	PCDU/FPBOLC_Nom_Pwr-1	RTN	PCDU	PCDUP32	28	PWR		NOM
PACS	DB32	P01	21	FPBOLC	FPBOLCP25	9	PCDU/FPBOLC_Nom_Pwr-2	RTN	PCDU	PCDUP32	29	PWR		NOM
PACS	DB32	P01	22	FPDPU	FPDPUP01	4	PCDU/FPDPU_Nom_Pwr-1	RTN	PCDU	PCDUP30	24	PWR		NOM
PACS	DB32	P01	23	FPDPU	FPDPUP01	9	PCDU/FPDPU_Nom_Pwr-2	RTN	PCDU	PCDUP30	25	PWR		NOM
PACS	DB32	P01	24	FPMEC1	FPMEC1P30	4	PCDU/FPMEC1_Pwr-1	RTN	PCDU	PCDUP10	30	PWR		NOM
PACS	DB32	P01	25	FPMEC1	FPMEC1P30	9	PCDU/FPMEC1_Pwr-2	RTN	PCDU	PCDUP10	31	PWR		NOM
PACS	DB32	P01	26	FPSPU1	FPSPU1P11	4	PCDU/FPSPU1_Pwr-1	RTN	PCDU	PCDUP10	22	PWR		NOM
PACS	DB32	P01	27	FPSPU1	FPSPU1P11	5	PCDU/FPSPU1_Pwr-2	RTN	PCDU	PCDUP10	23	PWR		NOM
PACS	DB32	P01	28	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line5_Nom_Pwr	RTN	PCDU	PCDUP03	18	PWR		NOM
PACS	DB32	P01	29	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line6_Nom_Pwr	RTN	PCDU	PCDUP03	20	PWR		NOM
PACS	DB32	P01	30	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line8_Nom_Pwr	RTN	PCDU	PCDUP03	22	PWR		NOM

5.7.2 DB32 P02 – PACS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PACS	DB32	P02	1	FPBOLC	FPBOLCP26	2	PCDU/FPBOLC_Red_Pwr-1	ACT	PCDU	PCDUP06	09	PWR		RED
PACS	DB32	P02	2	FPBOLC	FPBOLCP26	7	PCDU/FPBOLC_Red_Pwr-2	ACT	PCDU	PCDUP06	10	PWR		RED
PACS	DB32	P02	3	FPDPU	FPDPUP02	2	PCDU/FPDPU_Red_Pwr-1	ACT	PCDU	PCDUP08	05	PWR		RED
PACS	DB32	P02	4	FPDPU	FPDPUP02	7	PCDU/FPDPU_Red_Pwr-2	ACT	PCDU	PCDUP08	06	PWR		RED
PACS	DB32	P02	5	FPMEC2	FPMEC2P130	2	PCDU/FPMEC2_Pwr-1	ACT	PCDU	PCDUP28	11	PWR		RED
PACS	DB32	P02	6	FPMEC2	FPMEC2P130	7	PCDU/FPMEC2_Pwr-2	ACT	PCDU	PCDUP28	12	PWR		RED
PACS	DB32	P02	7	FPSPU2	FPSPU2P11	2	PCDU/FPSPU2_Pwr-1	ACT	PCDU	PCDUP28	03	PWR		RED
PACS	DB32	P02	8	FPSPU2	FPSPU2P11	1	PCDU/FPSPU2_Pwr-2	ACT	PCDU	PCDUP28	04	PWR		RED
PACS	DB32	P02	9	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line5_Red_Pwr	ACT	PCDU	PCDUP33	12	PWR		RED
PACS	DB32	P02	10	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line6_Red_Pwr	ACT	PCDU	PCDUP33	01	PWR		RED
PACS	DB32	P02	11	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line8_Red_Pwr	ACT	PCDU	PCDUP33	03	PWR		RED
PACS	DB32	P02	20	FPBOLC	FPBOLCP26	4	PCDU/FPBOLC_Red_Pwr-1	RTN	PCDU	PCDUP06	28	PWR		RED
PACS	DB32	P02	21	FPBOLC	FPBOLCP26	9	PCDU/FPBOLC_Red_Pwr-2	RTN	PCDU	PCDUP06	29	PWR		RED
PACS	DB32	P02	22	FPDPU	FPDPUP02	4	PCDU/FPDPU_Red_Pwr-1	RTN	PCDU	PCDUP08	24	PWR		RED
PACS	DB32	P02	23	FPDPU	FPDPUP02	9	PCDU/FPDPU_Red_Pwr-2	RTN	PCDU	PCDUP08	25	PWR		RED
PACS	DB32	P02	24	FPMEC2	FPMEC2P130	4	PCDU/FPMEC2_Pwr-1	RTN	PCDU	PCDUP28	30	PWR		RED
PACS	DB32	P02	25	FPMEC2	FPMEC2P130	9	PCDU/FPMEC2_Pwr-2	RTN	PCDU	PCDUP28	31	PWR		RED
PACS	DB32	P02	26	FPSPU2	FPSPU2P11	4	PCDU/FPSPU2_Pwr-1	RTN	PCDU	PCDUP28	22	PWR		RED
PACS	DB32	P02	27	FPSPU2	FPSPU2P11	5	PCDU/FPSPU2_Pwr-2	RTN	PCDU	PCDUP28	23	PWR		RED
PACS	DB32	P02	28	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line5_Red_Pwr	RTN	PCDU	PCDUP33	24	PWR		RED
PACS	DB32	P02	29	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line6_Red_Pwr	RTN	PCDU	PCDUP33	14	PWR		RED
PACS	DB32	P02	30	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line8_Red_Pwr	RTN	PCDU	PCDUP33	16	PWR		RED

5.8 DB04 – SPIRE Dismountability Bracket Connectors

5.8.1 DB04 P01 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB04	P01	1	CCU	CCUP13	02	PCDU/CCU_A_Pwr	ACT	PCDU	PCDUP02	03	PWR		NOM
SPIRE	DB04	P01	2	HSDPU	HSDPUP01	02	PCDU/HSDPU_Nom_Pwr	ACT	PCDU	PCDUP06	07	PWR		NOM
SPIRE	DB04	P01	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line10_Nom_Pwr	ACT	PCDU	PCDUP03	12	PWR		NOM
SPIRE	DB04	P01	4	HSFCU	HSFCUP05	02	PCDU/HSFCU_Nom_Pwr	ACT	PCDU	PCDUP08	07	PWR		NOM
SPIRE	DB04	P01	4	HSFCU	HSFCUP05	02	PCDU/HSFCU_Nom_Pwr	ACT	PCDU	PCDUP08	07	PWR		NOM
SPIRE	DB04	P01	20	CCU	CCUP13	09	PCDU/CCU_A_Pwr	RTN	PCDU	PCDUP02	22	PWR		NOM
SPIRE	DB04	P01	21	HSDPU	HSDPUP01	04	PCDU/HSDPU_Nom_Pwr	RTN	PCDU	PCDUP06	26	PWR		NOM
SPIRE	DB04	P01	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line10_Nom_Pwr	RTN	PCDU	PCDUP03	24	PWR		NOM
SPIRE	DB04	P01	23	HSFCU	HSFCUP05	04	PCDU/HSFCU_Nom_Pwr	RTN	PCDU	PCDUP08	26	PWR		NOM
SPIRE	DB04	P01	23	HSFCU	HSFCUP05	04	PCDU/HSFCU_Nom_Pwr	RTN	PCDU	PCDUP08	26	PWR		NOM

5.8.2 DB04 P02 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB04	P02	1	CCU	CCUP26	02	PCDU/CCU_B_Pwr	ACT	PCDU	PCDUP36	03	PWR		RED
SPIRE	DB04	P02	2	HSDPU	HSDPUP02	02	PCDU/HSDPU_Red_Pwr	ACT	PCDU	PCDUP32	07	PWR		RED
SPIRE	DB04	P02	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line10_Red_Pwr	ACT	PCDU	PCDUP33	05	PWR		RED
SPIRE	DB04	P02	4	HSFCU	HSFCUP06	02	PCDU/HSFCU_Red_Pwr	ACT	PCDU	PCDUP30	07	PWR		RED
SPIRE	DB04	P02	4	HSFCU	HSFCUP06	02	PCDU/HSFCU_Red_Pwr	ACT	PCDU	PCDUP30	07	PWR		RED
SPIRE	DB04	P02	20	CCU	CCUP26	09	PCDU/CCU_B_Pwr	RTN	PCDU	PCDUP36	22	PWR		RED
SPIRE	DB04	P02	21	HSDPU	HSDPUP02	04	PCDU/HSDPU_Red_Pwr	RTN	PCDU	PCDUP32	26	PWR		RED
SPIRE	DB04	P02	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line10_Red_Pwr	RTN	PCDU	PCDUP33	18	PWR		RED
SPIRE	DB04	P02	23	HSFCU	HSFCUP06	04	PCDU/HSFCU_Red_Pwr	RTN	PCDU	PCDUP30	26	PWR		RED
SPIRE	DB04	P02	23	HSFCU	HSFCUP06	04	PCDU/HSFCU_Red_Pwr	RTN	PCDU	PCDUP30	26	PWR		RED

5.8.3 DB04 P03 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB04	P03	1	CCU	CCUP11	02	HU1/CCU_Dry_Loop_Vlv_V103_Arm_Cmd	ACT	HU1	HU1J01	20	HL_Cmd	II	NOM
SPIRE	DB04	P03	2	CCU	CCUP11	03	HU1/CCU_Dry_Loop_Vlv_V103_ON_Cmd	ACT	HU1	HU1J01	37	HL_Cmd	II	NOM
SPIRE	DB04	P03	3	CCU	CCUP11	04	HU1/CCU_Dry_Loop_Vlv_V501_Arm_Cmd	ACT	HU1	HU1J01	60	HL_Cmd	II	NOM
SPIRE	DB04	P03	4	CCU	CCUP11	05	HU1/CCU_Dry_Loop_Vlv_V501_ON_Cmd	ACT	HU1	HU1J01	43	HL_Cmd	II	NOM
SPIRE	DB04	P03	20	CCU	CCUP11	09	HU1/CCU_Dry_Loop_Vlv_V103_Arm_Cmd	RTN	HU1	HU1J01	39	HL_Cmd	II	NOM
SPIRE	DB04	P03	21	CCU	CCUP11	10	HU1/CCU_Dry_Loop_Vlv_V103_ON_Cmd	RTN	HU1	HU1J01	38	HL_Cmd	II	NOM
SPIRE	DB04	P03	22	CCU	CCUP11	11	HU1/CCU_Dry_Loop_Vlv_V501_Arm_Cmd	RTN	HU1	HU1J01	61	HL_Cmd	II	NOM
SPIRE	DB04	P03	23	CCU	CCUP11	12	HU1/CCU_Dry_Loop_Vlv_V501_ON_Cmd	RTN	HU1	HU1J01	44	HL_Cmd	II	NOM

5.8.4 DB04 P04 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB04	P04	1	CCU	CCUP24	02	HU2/CCU_Dry_Loop_Vlv_V106_Arm_Cmd	ACT	HU2	HU2J01	20	HL_Cmd	II	RED
SPIRE	DB04	P04	2	CCU	CCUP24	03	HU2/CCU_Dry_Loop_Vlv_V106_ON_Cmd	ACT	HU2	HU2J01	37	HL_Cmd	II	RED
SPIRE	DB04	P04	3	CCU	CCUP24	04	HU2/CCU_Dry_Loop_Vlv_V503_Arm_Cmd	ACT	HU2	HU2J01	60	HL_Cmd	II	RED
SPIRE	DB04	P04	4	CCU	CCUP24	05	HU2/CCU_Dry_Loop_Vlv_V503_ON_Cmd	ACT	HU2	HU2J01	43	HL_Cmd	II	RED
SPIRE	DB04	P04	20	CCU	CCUP24	09	HU2/CCU_Dry_Loop_Vlv_V106_Arm_Cmd	RTN	HU2	HU2J01	39	HL_Cmd	II	RED
SPIRE	DB04	P04	21	CCU	CCUP24	10	HU2/CCU_Dry_Loop_Vlv_V106_ON_Cmd	RTN	HU2	HU2J01	38	HL_Cmd	II	RED
SPIRE	DB04	P04	22	CCU	CCUP24	11	HU2/CCU_Dry_Loop_Vlv_V503_Arm_Cmd	RTN	HU2	HU2J01	61	HL_Cmd	II	RED
SPIRE	DB04	P04	23	CCU	CCUP24	12	HU2/CCU_Dry_Loop_Vlv_V503_ON_Cmd	RTN	HU2	HU2J01	44	HL_Cmd	II	RED

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5.9 DB41 – SPIRE Dismountability Bracket Connectors

5.9.1 DB41 P01 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB41	P01	1	THERM	N/A	FL1	THERM-058/CDMU_TCS_Line10_Th1_Mnt	ACT	CDMU	CDMUP101	47	Therm	IV	NOM
SPIRE	DB41	P01	2	THERM	N/A	FL2	THERM-058/CDMU_TCS_Line10_Th1_Mnt	RTN	CDMU	CDMUP101	46	Therm	IV	NOM

5.9.2 DB41 P02 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB41	P02	1	THERM	N/A	FL1	THERM-106/CDMU_TCS_Line10_Th2_Mnt	ACT	CDMU	CDMUP111	47	Therm	IV	RED
SPIRE	DB41	P02	2	THERM	N/A	FL2	THERM-106/CDMU_TCS_Line10_Th2_Mnt	RTN	CDMU	CDMUP111	46	Therm	IV	RED

5.9.3 DB41 P03 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB41	P03	1	THERM	N/A	FL1	THERM-154/CDMU_TCS_Line10_Th3_Mnt	ACT	CDMU	CDMUP121	47	Therm	IV	RED2
SPIRE	DB41	P03	2	THERM	N/A	FL2	THERM-154/CDMU_TCS_Line10_Th3_Mnt	RTN	CDMU	CDMUP121	46	Therm	IV	RED2

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5.10 DB42 – SPIRE Dismountability Bracket Connectors

5.10.1 DB42 P01 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB42	P01	1	SAS2	SAS2P01	08	SAS2/EGSE_PH1_Nom_Mnt	ACT	SK05	SK05J06	29	SAS_Mnt	IV	NOM
SPIRE	DB42	P01	2	SAS2	SAS2P01	07	SAS2/EGSE_PH2_Nom_Mnt	ACT	SK05	SK05J06	27	SAS_Mnt	IV	NOM
SPIRE	DB42	P01	3	SAS2	SAS2P01	13	SAS2/EGSE_PH3_Nom_Mnt	ACT	SK05	SK05J06	25	SAS_Mnt	IV	NOM
SPIRE	DB42	P01	4	SAS2	SAS2P01	06	SAS2/EGSE_PH4_Nom_Mnt	ACT	SK05	SK05J06	34	SAS_Mnt	IV	NOM
SPIRE	DB42	P01	6	SAS2	SAS2P01	15	SAS2/EGSE_PH1_Nom_Mnt	RTN	SK05	SK05J06	30	SAS_Mnt	IV	NOM
SPIRE	DB42	P01	7	SAS2	SAS2P01	15	SAS2/EGSE_PH2_Nom_Mnt	RTN	SK05	SK05J06	28	SAS_Mnt	IV	NOM
SPIRE	DB42	P01	8	SAS2	SAS2P01	14	SAS2/EGSE_PH3_Nom_Mnt	RTN	SK05	SK05J06	26	SAS_Mnt	IV	NOM
SPIRE	DB42	P01	9	SAS2	SAS2P01	14	SAS2/EGSE_PH4_Nom_Mnt	RTN	SK05	SK05J06	35	SAS_Mnt	IV	NOM

5.10.2 DB42 P02 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB42	P02	1	SAS2	SAS2P01	10	SAS2/EGSE_PH1_Red_Mnt	RTN	SK05	SK05J07	30	SAS_Mnt	IV	RED
SPIRE	DB42	P02	2	SAS2	SAS2P01	03	SAS2/EGSE_PH2_Red_Mnt	ACT	SK05	SK05J07	27	SAS_Mnt	IV	RED
SPIRE	DB42	P02	3	SAS2	SAS2P01	01	SAS2/EGSE_PH3_Red_Mnt	ACT	SK05	SK05J07	25	SAS_Mnt	IV	RED
SPIRE	DB42	P02	4	SAS2	SAS2P01	02	SAS2/EGSE_PH4_Red_Mnt	ACT	SK05	SK05J07	34	SAS_Mnt	IV	RED
SPIRE	DB42	P02	6	SAS2	SAS2P01	11	SAS2/EGSE_PH1_Red_Mnt	ACT	SK05	SK05J07	29	SAS_Mnt	IV	RED
SPIRE	DB42	P02	7	SAS2	SAS2P01	10	SAS2/EGSE_PH2_Red_Mnt	RTN	SK05	SK05J07	28	SAS_Mnt	IV	RED
SPIRE	DB42	P02	8	SAS2	SAS2P01	09	SAS2/EGSE_PH3_Red_Mnt	RTN	SK05	SK05J07	26	SAS_Mnt	IV	RED
SPIRE	DB42	P02	9	SAS2	SAS2P01	09	SAS2/EGSE_PH4_Red_Mnt	RTN	SK05	SK05J07	35	SAS_Mnt	IV	RED

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5.10.3 DB42 P03 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB42	P03	1	SREM	SREMP01	07	PCDU/SREM_Pwr	RTN	PCDU	PCDUP06	24	PWR	I	NOM
SPIRE	DB42	P03	2	SREM	SREMP01	08	PCDU/SREM_Pwr	ACT	PCDU	PCDUP06	05	PWR	I	NOM

5.10.4 DB42 P04 – SPIRE Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SPIRE	DB42	P04	1	SREM	SREMP02	03	SREM/CDMU_DS1_Data_Mnt	TRUE	CDMU	CDMUP081	24	DS16	II	NOM
SPIRE	DB42	P04	2	SREM	SREMP02	10	SREM/CDMU_DS1_Data_Mnt	COMP	CDMU	CDMUP081	23	DS16	II	NOM
SPIRE	DB42	P04	3	SREM	SREMP02	04	CDMU/SREM_ML1_Data_Cmd	TRUE	CDMU	CDMUP081	03	ML16	II	NOM
SPIRE	DB42	P04	4	SREM	SREMP02	11	CDMU/SREM_ML1_Data_Cmd	COMP	CDMU	CDMUP081	02	ML16	II	NOM
SPIRE	DB42	P04	6	SREM	SREMP02	13	SREM/CDMU_DS1_Address_Mnt	TRUE	CDMU	CDMUP081	26	DS16	II	NOM
SPIRE	DB42	P04	7	SREM	SREMP02	05	SREM/CDMU_DS1_Address_Mnt	COMP	CDMU	CDMUP081	25	DS16	II	NOM
SPIRE	DB42	P04	8	SREM	SREMP02	14	CDMU/SREM_ML1_Address_Cmd	TRUE	CDMU	CDMUP081	07	ML16	II	NOM
SPIRE	DB42	P04	9	SREM	SREMP02	06	CDMU/SREM_ML1_Address_Cmd	COMP	CDMU	CDMUP081	06	ML16	II	NOM
SPIRE	DB42	P04	11	SREM	SREMP02	08	CDMU/SREM_ML1_Clock_Cmd	TRUE	CDMU	CDMUP081	05	ML16	II	NOM
SPIRE	DB42	P04	12	SREM	SREMP02	15	CDMU/SREM_ML1_Clock_Cmd	COMP	CDMU	CDMUP081	04	ML16	II	NOM

5.11 DB05 – HIFI 2 Dismountability Bracket Connectors

5.11.1 DB05 P03 – HIFI 2 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI2	DB05	P03	1	THERM	N/A	FL1	THERM-060/CDMU_TCS_Line12_Th1_Mnt	ACT	CDMU	CDMUP101	07	Therm	IV	NOM
HIFI2	DB05	P03	2	THERM	N/A	FL2	THERM-060/CDMU_TCS_Line12_Th1_Mnt	RTN	CDMU	CDMUP101	06	Therm	IV	NOM
HIFI2	DB05	P03	3	THERM	N/A	FL1	THERM-061/CDMU_TCS_Line13_Th1_Mnt	ACT	CDMU	CDMUP101	64	Therm	IV	NOM
HIFI2	DB05	P03	4	THERM	N/A	FL2	THERM-061/CDMU_TCS_Line13_Th1_Mnt	RTN	CDMU	CDMUP101	63	Therm	IV	NOM
HIFI2	DB05	P03	6	THERM	N/A	FL1	THERM-062/CDMU_TCS_Line14_Th1_Mnt	ACT	CDMU	CDMUP101	45	Therm	IV	NOM
HIFI2	DB05	P03	7	THERM	N/A	FL2	THERM-062/CDMU_TCS_Line14_Th1_Mnt	RTN	CDMU	CDMUP101	44	Therm	IV	NOM
HIFI2	DB05	P03	8	THERM	N/A	FL1	THERM-063/CDMU_TCS_Line15_Th1_Mnt	ACT	CDMU	CDMUP101	24	Therm	IV	NOM
HIFI2	DB05	P03	9	THERM	N/A	FL2	THERM-063/CDMU_TCS_Line15_Th1_Mnt	RTN	CDMU	CDMUP101	23	Therm	IV	NOM
HIFI2	DB05	P03	11	THERM	N/A	FL1	THERM-064/CDMU_TCS_Line16_Th1_Mnt	ACT	CDMU	CDMUP101	05	Therm	IV	NOM
HIFI2	DB05	P03	12	THERM	N/A	FL2	THERM-064/CDMU_TCS_Line16_Th1_Mnt	RTN	CDMU	CDMUP101	04	Therm	IV	NOM

5.11.2 DB05 P04 – HIFI 2 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI2	DB05	P04	1	THERM	N/A	FL1	THERM-108/CDMU_TCS_Line12_Th2_Mnt	ACT	CDMU	CDMUP111	07	Therm	IV	RED
HIFI2	DB05	P04	2	THERM	N/A	FL2	THERM-108/CDMU_TCS_Line12_Th2_Mnt	RTN	CDMU	CDMUP111	06	Therm	IV	RED
HIFI2	DB05	P04	3	THERM	N/A	FL1	THERM-109/CDMU_TCS_Line13_Th2_Mnt	ACT	CDMU	CDMUP111	64	Therm	IV	RED
HIFI2	DB05	P04	4	THERM	N/A	FL2	THERM-109/CDMU_TCS_Line13_Th2_Mnt	RTN	CDMU	CDMUP111	63	Therm	IV	RED
HIFI2	DB05	P04	6	THERM	N/A	FL1	THERM-110/CDMU_TCS_Line14_Th2_Mnt	ACT	CDMU	CDMUP111	45	Therm	IV	RED
HIFI2	DB05	P04	7	THERM	N/A	FL2	THERM-110/CDMU_TCS_Line14_Th2_Mnt	RTN	CDMU	CDMUP111	44	Therm	IV	RED
HIFI2	DB05	P04	8	THERM	N/A	FL1	THERM-111/CDMU_TCS_Line15_Th2_Mnt	ACT	CDMU	CDMUP111	24	Therm	IV	RED
HIFI2	DB05	P04	9	THERM	N/A	FL2	THERM-111/CDMU_TCS_Line15_Th2_Mnt	RTN	CDMU	CDMUP111	23	Therm	IV	RED
HIFI2	DB05	P04	11	THERM	N/A	FL1	THERM-112/CDMU_TCS_Line16_Th2_Mnt	ACT	CDMU	CDMUP111	05	Therm	IV	RED
HIFI2	DB05	P04	12	THERM	N/A	FL2	THERM-112/CDMU_TCS_Line16_Th2_Mnt	RTN	CDMU	CDMUP111	04	Therm	IV	RED
HIFI2	DB05	P04	13	THERM	N/A	FL2	THERM-112/CDMU_TCS_Line16_Th2_Mnt	RTN	CDMU	CDMUP111	04	Therm	IV	RED

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HIFI2	DB05	P04	14	THERM	N/A	FL1	THERM-112/CDMU_TCS_Line16_Th2_Mnt	ACT	CDMU	CDMUP111	05	Therm	IV	RED
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5.11.3 DB05 P05 – HIFI 2 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI2	DB05	P05	1	THERM	N/A	FL1	THERM-156/CDMU_TCS_Line12_Th3_Mnt	ACT	CDMU	CDMUP121	07	Therm	IV	RED2
HIFI2	DB05	P05	2	THERM	N/A	FL2	THERM-156/CDMU_TCS_Line12_Th3_Mnt	RTN	CDMU	CDMUP121	06	Therm	IV	RED2
HIFI2	DB05	P05	3	THERM	N/A	FL1	THERM-157/CDMU_TCS_Line13_Th3_Mnt	ACT	CDMU	CDMUP121	64	Therm	IV	RED2
HIFI2	DB05	P05	4	THERM	N/A	FL2	THERM-157/CDMU_TCS_Line13_Th3_Mnt	RTN	CDMU	CDMUP121	63	Therm	IV	RED2
HIFI2	DB05	P05	6	THERM	N/A	FL1	THERM-158/CDMU_TCS_Line14_Th3_Mnt	ACT	CDMU	CDMUP121	45	Therm	IV	RED2
HIFI2	DB05	P05	7	THERM	N/A	FL2	THERM-158/CDMU_TCS_Line14_Th3_Mnt	RTN	CDMU	CDMUP121	44	Therm	IV	RED2
HIFI2	DB05	P05	8	THERM	N/A	FL1	THERM-159/CDMU_TCS_Line15_Th3_Mnt	ACT	CDMU	CDMUP121	24	Therm	IV	RED2
HIFI2	DB05	P05	9	THERM	N/A	FL2	THERM-159/CDMU_TCS_Line15_Th3_Mnt	RTN	CDMU	CDMUP121	23	Therm	IV	RED2
HIFI2	DB05	P05	11	THERM	N/A	FL1	THERM-160/CDMU_TCS_Line16_Th3_Mnt	ACT	CDMU	CDMUP121	05	Therm	IV	RED2
HIFI2	DB05	P05	12	THERM	N/A	FL2	THERM-160/CDMU_TCS_Line16_Th3_Mnt	RTN	CDMU	CDMUP121	04	Therm	IV	RED2

5.11.4 DB05 P06 – HIFI 2 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI2	DB05	P06	1	FHHRV	FHHRVP01	2	PCDU/FHHRV_Pwr	ACT	PCDU	PCDUP28	07	PWR	I	NOM
HIFI2	DB05	P06	1	FHHRV	FHHRVP01	2	PCDU/FHHRV_Pwr	ACT	PCDU	PCDUP28	07	PWR	I	NOM
HIFI2	DB05	P06	2	FHICU	FHICUP01	2	PCDU/FHICU_Nom_Pwr	ACT	PCDU	PCDUP10	09	PWR	I	NOM
HIFI2	DB05	P06	2	FHICU	FHICUP01	2	PCDU/FHICU_Nom_Pwr	ACT	PCDU	PCDUP10	09	PWR	I	NOM
HIFI2	DB05	P06	3	FHWEV	FHWEVP03	2	PCDU/FHWEV_Pwr	ACT	PCDU	PCDUP06	03	PWR	I	NOM
HIFI2	DB05	P06	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	PCDU	PCDUP05	02	PWR	I	NOM
HIFI2	DB05	P06	5	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line13_Nom_Pwr	ACT	PCDU	PCDUP09	01	PWR	I	NOM
HIFI2	DB05	P06	6	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line14_Nom_Pwr	ACT	PCDU	PCDUP09	12	PWR	I	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI2	DB05	P06	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line15_Nom_Pwr	ACT	PCDU	PCDUP05	10	PWR	I	NOM
HIFI2	DB05	P06	20	FHHRV	FHHRVP01	4	PCDU/FHHRV_Pwr	RTN	PCDU	PCDUP28	26	PWR	I	NOM
HIFI2	DB05	P06	20	FHHRV	FHHRVP01	4	PCDU/FHHRV_Pwr	RTN	PCDU	PCDUP28	26	PWR	I	NOM
HIFI2	DB05	P06	21	FHICU	FHICUP01	4	PCDU/FHICU_Nom_Pwr	RTN	PCDU	PCDUP10	28	PWR	I	NOM
HIFI2	DB05	P06	21	FHICU	FHICUP01	4	PCDU/FHICU_Nom_Pwr	RTN	PCDU	PCDUP10	28	PWR	I	NOM
HIFI2	DB05	P06	22	FHWEV	FHWEVP03	4	PCDU/FHWEV_Pwr	RTN	PCDU	PCDUP06	22	PWR	I	NOM
HIFI2	DB05	P06	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	PCDU	PCDUP05	15	PWR	I	NOM
HIFI2	DB05	P06	24	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line13_Nom_Pwr	RTN	PCDU	PCDUP09	14	PWR	I	NOM
HIFI2	DB05	P06	25	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line14_Nom_Pwr	RTN	PCDU	PCDUP09	24	PWR	I	NOM
HIFI2	DB05	P06	26	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line15_Nom_Pwr	RTN	PCDU	PCDUP05	22	PWR	I	NOM

5.11.5 DB05 P07 – HIFI 2 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI2	DB05	P07	2	FHICU	FHICUP02	2	PCDU/FHICU_Red_Pwr	ACT	PCDU	PCDUP28	09	PWR	I	RED
HIFI2	DB05	P07	2	FHICU	FHICUP02	2	PCDU/FHICU_Red_Pwr	ACT	PCDU	PCDUP28	09	PWR	I	RED
HIFI2	DB05	P07	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Red_Pwr	ACT	PCDU	PCDUP31	09	PWR	I	RED
HIFI2	DB05	P07	5	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line13_Red_Pwr	ACT	PCDU	PCDUP27	08	PWR	I	RED
HIFI2	DB05	P07	6	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line14_Red_Pwr	ACT	PCDU	PCDUP27	05	PWR	I	RED
HIFI2	DB05	P07	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line15_Red_Pwr	ACT	PCDU	PCDUP31	03	PWR	I	RED
HIFI2	DB05	P07	21	FHICU	FHICUP02	4	PCDU/FHICU_Red_Pwr	RTN	PCDU	PCDUP28	28	PWR	I	RED
HIFI2	DB05	P07	21	FHICU	FHICUP02	4	PCDU/FHICU_Red_Pwr	RTN	PCDU	PCDUP28	28	PWR	I	RED
HIFI2	DB05	P07	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Red_Pwr	RTN	PCDU	PCDUP31	21	PWR	I	RED
HIFI2	DB05	P07	24	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line13_Red_Pwr	RTN	PCDU	PCDUP27	20	PWR	I	RED
HIFI2	DB05	P07	25	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line14_Red_Pwr	RTN	PCDU	PCDUP27	18	PWR	I	RED
HIFI2	DB05	P07	26	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line15_Red_Pwr	RTN	PCDU	PCDUP31	16	PWR	I	RED

5.12 DB06 – HIFI 1 Dismountability Bracket Connectors

5.12.1 DB06 P01 – HIFI 1 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIF11	DB06	P01	1	FHHRH	FHHRHP01	2	PCDU/FHHRH_Pwr	ACT	PCDU	PCDUP10	07	PWR	I	NOM
HIF11	DB06	P01	1	FHHRH	FHHRHP01	2	PCDU/FHHRH_Pwr	ACT	PCDU	PCDUP10	07	PWR	I	NOM
HIF11	DB06	P01	2	FHLCU	FHLCUP01	2	PCDU/FHLCU_Nom_Pwr	ACT	PCDU	PCDUP30	09	PWR	I	NOM
HIF11	DB06	P01	3	FHWEH	FHWEHP03	2	PCDU/FHWEH_Pwr	ACT	PCDU	PCDUP32	03	PWR	I	NOM
HIF11	DB06	P01	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line16_Nom_Pwr	ACT	PCDU	PCDUP07	10	PWR	I	NOM
HIF11	DB06	P01	5	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line19_Nom_Pwr	ACT	PCDU	PCDUP09	06	PWR	I	NOM
HIF11	DB06	P01	6	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line20_Nom_Pwr	ACT	PCDU	PCDUP09	11	PWR	I	NOM
HIF11	DB06	P01	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line17_Nom_Pwr	ACT	PCDU	PCDUP07	11	PWR	I	NOM
HIF11	DB06	P01	8	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line18_Nom_Pwr	ACT	PCDU	PCDUP05	09	PWR	I	NOM
HIF11	DB06	P01	18	FHLCU	FHLCUP01	7	PCDU/FHLCU_Nom_Pwr	ACT	PCDU	PCDUP30	10	PWR	I	NOM
HIF11	DB06	P01	19	FHLCU	FHLCUP01	9	PCDU/FHLCU_Nom_Pwr	RTN	PCDU	PCDUP30	29	PWR	I	NOM
HIF11	DB06	P01	20	FHHRH	FHHRHP01	4	PCDU/FHHRH_Pwr	RTN	PCDU	PCDUP10	26	PWR	I	NOM
HIF11	DB06	P01	20	FHHRH	FHHRHP01	4	PCDU/FHHRH_Pwr	RTN	PCDU	PCDUP10	26	PWR	I	NOM
HIF11	DB06	P01	21	FHLCU	FHLCUP01	4	PCDU/FHLCU_Nom_Pwr	RTN	PCDU	PCDUP30	28	PWR	I	NOM
HIF11	DB06	P01	22	FHWEH	FHWEHP03	4	PCDU/FHWEH_Pwr	RTN	PCDU	PCDUP32	22	PWR	I	NOM
HIF11	DB06	P01	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line16_Nom_Pwr	RTN	PCDU	PCDUP07	22	PWR	I	NOM
HIF11	DB06	P01	24	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line19_Nom_Pwr	RTN	PCDU	PCDUP09	19	PWR	I	NOM
HIF11	DB06	P01	25	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line20_Nom_Pwr	RTN	PCDU	PCDUP09	23	PWR	I	NOM
HIF11	DB06	P01	26	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line17_Nom_Pwr	RTN	PCDU	PCDUP07	23	PWR	I	NOM
HIF11	DB06	P01	27	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line18_Nom_Pwr	RTN	PCDU	PCDUP05	21	PWR	I	NOM

5.12.2 DB06 P02 – HIFI 1 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI1	DB06	P02	2	FHLCU	FHLCUP21	2	PCDU/FHLCU_Red_Pwr	ACT	PCDU	PCDUP08	09	PWR		RED
HIFI1	DB06	P02	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line16_Red_Pwr	ACT	PCDU	PCDUP29	03	PWR		RED
HIFI1	DB06	P02	5	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line19_Red_Pwr	ACT	PCDU	PCDUP27	13	PWR		RED
HIFI1	DB06	P02	6	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line20_Red_Pwr	ACT	PCDU	PCDUP27	04	PWR		RED
HIFI1	DB06	P02	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line17_Red_Pwr	ACT	PCDU	PCDUP29	04	PWR		RED
HIFI1	DB06	P02	8	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line18_Red_Pwr	ACT	PCDU	PCDUP31	02	PWR		RED
HIFI1	DB06	P02	18	FHLCU	FHLCUP21	7	PCDU/FHLCU_Red_Pwr	ACT	PCDU	PCDUP08	10	PWR		RED
HIFI1	DB06	P02	19	FHLCU	FHLCUP21	9	PCDU/FHLCU_Red_Pwr	RTN	PCDU	PCDUP08	29	PWR		RED
HIFI1	DB06	P02	21	FHLCU	FHLCUP21	4	PCDU/FHLCU_Red_Pwr	RTN	PCDU	PCDUP08	28	PWR		RED
HIFI1	DB06	P02	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line16_Red_Pwr	RTN	PCDU	PCDUP29	16	PWR		RED
HIFI1	DB06	P02	24	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line19_Red_Pwr	RTN	PCDU	PCDUP27	25	PWR		RED
HIFI1	DB06	P02	25	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line20_Red_Pwr	RTN	PCDU	PCDUP27	17	PWR		RED
HIFI1	DB06	P02	26	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line17_Red_Pwr	RTN	PCDU	PCDUP29	17	PWR		RED
HIFI1	DB06	P02	27	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line18_Red_Pwr	RTN	PCDU	PCDUP31	15	PWR		RED

5.13 DB61 – HIFI 1 Dismountability Bracket Connectors

5.13.1 DB61 P01 – HIFI 1 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI1	DB61	P01	1	THERM	N/A	FL1	THERM-068/CDMU_TCS_Line20_Th1_Mnt	ACT	CDMU	CDMUP103	19	Therm	IV	NOM
HIFI1	DB61	P01	2	THERM	N/A	FL2	THERM-068/CDMU_TCS_Line20_Th1_Mnt	RTN	CDMU	CDMUP103	18	Therm	IV	NOM
HIFI1	DB61	P01	3	THERM	N/A	FL1	THERM-065/CDMU_TCS_Line17_Th1_Mnt	ACT	CDMU	CDMUP103	78	Therm	IV	NOM
HIFI1	DB61	P01	4	THERM	N/A	FL2	THERM-065/CDMU_TCS_Line17_Th1_Mnt	RTN	CDMU	CDMUP103	77	Therm	IV	NOM
HIFI1	DB61	P01	6	THERM	N/A	FL1	THERM-066/CDMU_TCS_Line18_Th1_Mnt	ACT	CDMU	CDMUP103	58	Therm	IV	NOM
HIFI1	DB61	P01	7	THERM	N/A	FL2	THERM-066/CDMU_TCS_Line18_Th1_Mnt	RTN	CDMU	CDMUP103	57	Therm	IV	NOM
HIFI1	DB61	P01	8	THERM	N/A	FL1	THERM-067/CDMU_TCS_Line19_Th1_Mnt	ACT	CDMU	CDMUP103	38	Therm	IV	NOM
HIFI1	DB61	P01	9	THERM	N/A	FL2	THERM-067/CDMU_TCS_Line19_Th1_Mnt	RTN	CDMU	CDMUP103	37	Therm	IV	NOM
HIFI1	DB61	P01	10	THERM	N/A	FL1	THERM-064/CDMU_TCS_Line16_Th1_Mnt	ACT	CDMU	CDMUP101	05	Therm	IV	NOM
HIFI1	DB61	P01	11	THERM	N/A	FL2	THERM-064/CDMU_TCS_Line16_Th1_Mnt	RTN	CDMU	CDMUP101	04	Therm	IV	NOM

5.13.2 DB61 P02 – HIFI 1 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI1	DB61	P02	1	THERM	N/A	FL1	THERM-116/CDMU_TCS_Line20_Th2_Mnt	ACT	CDMU	CDMUP113	19	Therm	IV	RED
HIFI1	DB61	P02	2	THERM	N/A	FL2	THERM-116/CDMU_TCS_Line20_Th2_Mnt	RTN	CDMU	CDMUP113	18	Therm	IV	RED
HIFI1	DB61	P02	3	THERM	N/A	FL1	THERM-113/CDMU_TCS_Line17_Th2_Mnt	ACT	CDMU	CDMUP113	78	Therm	IV	RED
HIFI1	DB61	P02	4	THERM	N/A	FL2	THERM-113/CDMU_TCS_Line17_Th2_Mnt	RTN	CDMU	CDMUP113	77	Therm	IV	RED
HIFI1	DB61	P02	6	THERM	N/A	FL1	THERM-114/CDMU_TCS_Line18_Th2_Mnt	ACT	CDMU	CDMUP113	58	Therm	IV	RED
HIFI1	DB61	P02	7	THERM	N/A	FL2	THERM-114/CDMU_TCS_Line18_Th2_Mnt	RTN	CDMU	CDMUP113	57	Therm	IV	RED
HIFI1	DB61	P02	8	THERM	N/A	FL1	THERM-115/CDMU_TCS_Line19_Th2_Mnt	ACT	CDMU	CDMUP113	38	Therm	IV	RED
HIFI1	DB61	P02	9	THERM	N/A	FL2	THERM-115/CDMU_TCS_Line19_Th2_Mnt	RTN	CDMU	CDMUP113	37	Therm	IV	RED

5.13.3 DB61 P03 – HIFI 1 Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HIFI1	DB61	P03	1	THERM	N/A	FL1	THERM-164/CDMU_TCS_Line20_Th3_Mnt	ACT	CDMU	CDMUP123	19	Therm	IV	RED2
HIFI1	DB61	P03	2	THERM	N/A	FL2	THERM-164/CDMU_TCS_Line20_Th3_Mnt	RTN	CDMU	CDMUP123	18	Therm	IV	RED2
HIFI1	DB61	P03	3	THERM	N/A	FL1	THERM-161/CDMU_TCS_Line17_Th3_Mnt	ACT	CDMU	CDMUP123	78	Therm	IV	RED2
HIFI1	DB61	P03	4	THERM	N/A	FL2	THERM-161/CDMU_TCS_Line17_Th3_Mnt	RTN	CDMU	CDMUP123	77	Therm	IV	RED2
HIFI1	DB61	P03	6	THERM	N/A	FL1	THERM-162/CDMU_TCS_Line18_Th3_Mnt	ACT	CDMU	CDMUP123	58	Therm	IV	RED2
HIFI1	DB61	P03	7	THERM	N/A	FL2	THERM-162/CDMU_TCS_Line18_Th3_Mnt	RTN	CDMU	CDMUP123	57	Therm	IV	RED2
HIFI1	DB61	P03	8	THERM	N/A	FL1	THERM-163/CDMU_TCS_Line19_Th3_Mnt	ACT	CDMU	CDMUP123	38	Therm	IV	RED2
HIFI1	DB61	P03	9	THERM	N/A	FL2	THERM-163/CDMU_TCS_Line19_Th3_Mnt	RTN	CDMU	CDMUP123	37	Therm	IV	RED2
HIFI1	DB61	P03	10	THERM	N/A	FL1	THERM-160/CDMU_TCS_Line16_Th3_Mnt	ACT	CDMU	CDMUP121	05	Therm	IV	RED2
HIFI1	DB61	P03	11	THERM	N/A	FL2	THERM-160/CDMU_TCS_Line16_Th3_Mnt	RTN	CDMU	CDMUP121	04	Therm	IV	RED2

5.14 DB07 – ACMS Dismountability Bracket Connectors

5.14.1 DB07 P01 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB07	P01	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line22_Nom_Pwr	ACT	PCDU	PCDUP07	02	PWR	I	NOM
ACMS	DB07	P01	2	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line21_Nom_Pwr	ACT	PCDU	PCDUP07	06	PWR	I	NOM
ACMS	DB07	P01	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line23_Nom_Pwr	ACT	PCDU	PCDUP07	03	PWR	I	NOM
ACMS	DB07	P01	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line24_Nom_Pwr	ACT	PCDU	PCDUP07	04	PWR	I	NOM
ACMS	DB07	P01	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line22_Nom_Pwr	RTN	PCDU	PCDUP07	15	PWR	I	NOM
ACMS	DB07	P01	21	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line21_Nom_Pwr	RTN	PCDU	PCDUP07	19	PWR	I	NOM
ACMS	DB07	P01	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line23_Nom_Pwr	RTN	PCDU	PCDUP07	16	PWR	I	NOM
ACMS	DB07	P01	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line24_Nom_Pwr	RTN	PCDU	PCDUP07	17	PWR	I	NOM

5.14.2 DB07 P02 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB07	P02	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line22_Red_Pwr	ACT	PCDU	PCDUP29	09	PWR	I	RED
ACMS	DB07	P02	2	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line23_Red_Pwr	ACT	PCDU	PCDUP29	10	PWR	I	RED
ACMS	DB07	P02	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line21_Red_Pwr	ACT	PCDU	PCDUP29	13	PWR	I	RED
ACMS	DB07	P02	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line24_Red_Pwr	ACT	PCDU	PCDUP29	11	PWR	I	RED
ACMS	DB07	P02	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line22_Red_Pwr	RTN	PCDU	PCDUP29	21	PWR	I	RED
ACMS	DB07	P02	21	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line23_Red_Pwr	RTN	PCDU	PCDUP29	22	PWR	I	RED
ACMS	DB07	P02	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line21_Red_Pwr	RTN	PCDU	PCDUP29	25	PWR	I	RED
ACMS	DB07	P02	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line24_Red_Pwr	RTN	PCDU	PCDUP29	23	PWR	I	RED

5.14.3 DB07 P03 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB07	P03	1	THERM	N/A	FL1	THERM-072/CDMU_TCS_Line24_Th1_Mnt	ACT	CDMU	CDMUP103	17	Therm	IV	NOM
ACMS	DB07	P03	2	THERM	N/A	FL1	THERM-071/CDMU_TCS_Line23_Th1_Mnt	ACT	CDMU	CDMUP103	36	Therm	IV	NOM
ACMS	DB07	P03	3	THERM	N/A	FL1	THERM-070/CDMU_TCS_Line22_Th1_Mnt	ACT	CDMU	CDMUP103	56	Therm	IV	NOM
ACMS	DB07	P03	4	THERM	N/A	FL1	THERM-069/CDMU_TCS_Line21_Th1_Mnt	ACT	CDMU	CDMUP103	76	Therm	IV	NOM
ACMS	DB07	P03	20	THERM	N/A	FL2	THERM-072/CDMU_TCS_Line24_Th1_Mnt	RTN	CDMU	CDMUP103	16	Therm	IV	NOM
ACMS	DB07	P03	21	THERM	N/A	FL2	THERM-071/CDMU_TCS_Line23_Th1_Mnt	RTN	CDMU	CDMUP103	35	Therm	IV	NOM
ACMS	DB07	P03	22	THERM	N/A	FL2	THERM-070/CDMU_TCS_Line22_Th1_Mnt	RTN	CDMU	CDMUP103	55	Therm	IV	NOM
ACMS	DB07	P03	23	THERM	N/A	FL2	THERM-069/CDMU_TCS_Line21_Th1_Mnt	RTN	CDMU	CDMUP103	75	Therm	IV	NOM

5.14.4 DB07 P04 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB07	P04	1	THERM	N/A	FL1	THERM-120/CDMU_TCS_Line24_Th2_Mnt	ACT	CDMU	CDMUP113	17	Therm	IV	RED
ACMS	DB07	P04	2	THERM	N/A	FL1	THERM-119/CDMU_TCS_Line23_Th2_Mnt	ACT	CDMU	CDMUP113	36	Therm	IV	RED
ACMS	DB07	P04	3	THERM	N/A	FL1	THERM-118/CDMU_TCS_Line22_Th2_Mnt	ACT	CDMU	CDMUP113	56	Therm	IV	RED
ACMS	DB07	P04	4	THERM	N/A	FL1	THERM-117/CDMU_TCS_Line21_Th2_Mnt	ACT	CDMU	CDMUP113	76	Therm	IV	RED
ACMS	DB07	P04	20	THERM	N/A	FL2	THERM-120/CDMU_TCS_Line24_Th2_Mnt	RTN	CDMU	CDMUP113	16	Therm	IV	RED
ACMS	DB07	P04	21	THERM	N/A	FL2	THERM-119/CDMU_TCS_Line23_Th2_Mnt	RTN	CDMU	CDMUP113	35	Therm	IV	RED
ACMS	DB07	P04	22	THERM	N/A	FL2	THERM-118/CDMU_TCS_Line22_Th2_Mnt	RTN	CDMU	CDMUP113	55	Therm	IV	RED
ACMS	DB07	P04	23	THERM	N/A	FL2	THERM-117/CDMU_TCS_Line21_Th2_Mnt	RTN	CDMU	CDMUP113	75	Therm	IV	RED

5.14.5 DB07 P05 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB07	P05	1	THERM	N/A	FL1	THERM-167/CDMU_TCS_Line23_Th3_Mnt	ACT	CDMU	CDMUP123	36	Therm	IV	RED2
ACMS	DB07	P05	2	THERM	N/A	FL1	THERM-168/CDMU_TCS_Line24_Th3_Mnt	ACT	CDMU	CDMUP123	17	Therm	IV	RED2
ACMS	DB07	P05	3	THERM	N/A	FL1	THERM-165/CDMU_TCS_Line21_Th3_Mnt	ACT	CDMU	CDMUP123	76	Therm	IV	RED2
ACMS	DB07	P05	4	THERM	N/A	FL1	THERM-166/CDMU_TCS_Line22_Th3_Mnt	ACT	CDMU	CDMUP123	56	Therm	IV	RED2
ACMS	DB07	P05	20	THERM	N/A	FL2	THERM-167/CDMU_TCS_Line23_Th3_Mnt	RTN	CDMU	CDMUP123	35	Therm	IV	RED2
ACMS	DB07	P05	21	THERM	N/A	FL2	THERM-168/CDMU_TCS_Line24_Th3_Mnt	RTN	CDMU	CDMUP123	16	Therm	IV	RED2
ACMS	DB07	P05	22	THERM	N/A	FL2	THERM-165/CDMU_TCS_Line21_Th3_Mnt	RTN	CDMU	CDMUP123	75	Therm	IV	RED2
ACMS	DB07	P05	23	THERM	N/A	FL2	THERM-166/CDMU_TCS_Line22_Th3_Mnt	RTN	CDMU	CDMUP123	55	Therm	IV	RED2

5.15 DB71 – ACMS Dismountability Bracket Connectors

5.15.1 DB71 P01 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P01	1	DBRWL1	DBRWL1J01	01	PCDU/RWL1_Pwr-1	ACT	PCDU	PCDUP04	13	PWR	I	NOM
ACMS	DB71	P01	4	DBRWL1	DBRWL1J01	04	PCDU/RWL1_Pwr-1	RTN	PCDU	PCDUP04	32	PWR	I	NOM
ACMS	DB71	P01	6	DBRWL1	DBRWL1J01	06	PCDU/RWL1_Pwr-2	ACT	PCDU	PCDUP04	14	PWR	I	NOM
ACMS	DB71	P01	9	DBRWL1	DBRWL1J01	09	PCDU/RWL1_Pwr-2	RTN	PCDU	PCDUP04	33	PWR	I	NOM

5.15.2 DB71 P02 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P02	2	DBRWL1	DBRWL1J02	02	RWL1/EGSE_Tachometer_Mnt	ACT	SK04	SK04J01	40	RWL-S	II	NOM
ACMS	DB71	P02	4	DBRWL1	DBRWL1J02	04	RWL1/EGSE_Motor_Current_Mnt	ACT	SK04	SK04J01	44	RWL-M	II	NOM
ACMS	DB71	P02	5	DBRWL1	DBRWL1J02	05	EGSE/RWL1_Torque_Cmd	ACT	SK04	SK04J01	52	RWL-T	II	NOM
ACMS	DB71	P02	7	DBRWL1	DBRWL1J02	07	RWL1/EGSE_Motor_Current_Mnt	RTN	SK04	SK04J01	45	RWL-M	II	NOM
ACMS	DB71	P02	7	DBRWL1	DBRWL1J02	07	EGSE/RWL1_Torque_Cmd	RTN	SK04	SK04J01	46	RWL-T	II	NOM
ACMS	DB71	P02	11	DBRWL1	DBRWL1J02	11	EGSE/RWL1_ON_Nom_Cmd	ACT	SK04	SK04J01	12	HP_Cmd	II	NOM
ACMS	DB71	P02	12	DBRWL1	DBRWL1J02	12	EGSE/RWL1_OFF_Nom_Cmd	ACT	SK04	SK04J01	19	HP_Cmd	II	NOM
ACMS	DB71	P02	13	DBRWL1	DBRWL1J02	13	EGSE/RWL1_OFF_Nom_Cmd	RTN	SK04	SK04J01	20	HP_Cmd	II	NOM
ACMS	DB71	P02	13	DBRWL1	DBRWL1J02	13	EGSE/RWL1_ON_Nom_Cmd	RTN	SK04	SK04J01	13	HP_Cmd	II	NOM
ACMS	DB71	P02	14	DBRWL1	DBRWL1J02	14	RWL1/EGSE_Therm_Mnt	ACT	SK04	SK04J01	03	Therm	IV	NOM
ACMS	DB71	P02	15	DBRWL1	DBRWL1J02	15	RWL1/EGSE_Therm_Mnt	RTN	SK04	SK04J01	09	Therm	IV	NOM
ACMS	DB71	P02	16	DBRWL1	DBRWL1J02	16	RWL1/EGSE_ON/OFF_Sts	ACT	SK04	SK04J01	27	RWL-Psts	II	NOM
ACMS	DB71	P02	17	DBRWL1	DBRWL1J02	17	RWL1/EGSE_Speed_Direction_Mnt	ACT	SK04	SK04J01	36	RWL-Sd	II	NOM
ACMS	DB71	P02	18	DBRWL1	DBRWL1J02	18	EGSE/RWL1_Torque_Direction_Cmd	ACT	SK04	SK04J01	38	RWL-Td	II	NOM
ACMS	DB71	P02	19	DBRWL1	DBRWL1J02	19	RWL1/EGSE_Tachometer_Mnt	RTN	SK04	SK04J01	41	RWL-S	II	NOM
ACMS	DB71	P02	19	DBRWL1	DBRWL1J02	19	RWL1/EGSE_ON/OFF_Sts	RTN	SK04	SK04J01	28	RWL-Psts	II	NOM

Herschel – Planck Dismountability Bracket Connector list (SVM Harnesses)

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P02	19	DBRWL1	DBRWL1J02	19	RWL1/EGSE_Speed_Direction_Mnt	RTN	SK04	SK04J01	37	RWL-Sd	II	NOM
ACMS	DB71	P02	19	DBRWL1	DBRWL1J02	19	EGSE/RWL1_Torque_Direction_Cmd	RTN	SK04	SK04J01	39	RWL-Td	II	NOM
ACMS	DB71	P02	23	DBRWL1	DBRWL1J02	23	EGSE/RWL1_ON_Red_Cmd	ACT	SK04	SK04J01	47	HP_Cmd	II	RED
ACMS	DB71	P02	24	DBRWL1	DBRWL1J02	24	EGSE/RWL1_OFF_Red_Cmd	ACT	SK04	SK04J01	55	HP_Cmd	II	RED
ACMS	DB71	P02	25	DBRWL1	DBRWL1J02	25	EGSE/RWL1_ON_Red_Cmd	RTN	SK04	SK04J01	48	HP_Cmd	II	RED
ACMS	DB71	P02	25	DBRWL1	DBRWL1J02	25	EGSE/RWL1_OFF_Red_Cmd	RTN	SK04	SK04J01	51	HP_Cmd	II	RED

5.15.3 DB71 P03 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P03	1	DBRWL2	DBRWL2J01	01	PCDU/RWL2_Pwr-1	ACT	PCDU	PCDUP34	13	PWR	I	RED
ACMS	DB71	P03	4	DBRWL2	DBRWL2J01	04	PCDU/RWL2_Pwr-1	RTN	PCDU	PCDUP34	32	PWR	I	RED
ACMS	DB71	P03	6	DBRWL2	DBRWL2J01	06	PCDU/RWL2_Pwr-2	ACT	PCDU	PCDUP34	14	PWR	I	RED
ACMS	DB71	P03	9	DBRWL2	DBRWL2J01	09	PCDU/RWL2_Pwr-2	RTN	PCDU	PCDUP34	33	PWR	I	RED

5.15.4 DB71 P04 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P04	2	DBRWL2	DBRWL2J02	02	RWL2/EGSE_Tachometer_Mnt	ACT	SK04	SK04J02	40	RWL-S	II	NOM
ACMS	DB71	P04	4	DBRWL2	DBRWL2J02	04	RWL2/EGSE_Motor_Current_Mnt	ACT	SK04	SK04J02	44	RWL-M	II	NOM
ACMS	DB71	P04	5	DBRWL2	DBRWL2J02	05	EGSE/RWL2_Torque_Cmd	ACT	SK04	SK04J02	52	RWL-T	II	NOM
ACMS	DB71	P04	7	DBRWL2	DBRWL2J02	07	RWL2/EGSE_Motor_Current_Mnt	RTN	SK04	SK04J02	45	RWL-M	II	NOM
ACMS	DB71	P04	7	DBRWL2	DBRWL2J02	07	EGSE/RWL2_Torque_Cmd	RTN	SK04	SK04J02	46	RWL-T	II	NOM
ACMS	DB71	P04	11	DBRWL2	DBRWL2J02	11	EGSE/RWL2_ON_Nom_Cmd	ACT	SK04	SK04J02	12	HP_Cmd	II	NOM
ACMS	DB71	P04	12	DBRWL2	DBRWL2J02	12	EGSE/RWL2_OFF_Nom_Cmd	ACT	SK04	SK04J02	19	HP_Cmd	II	NOM
ACMS	DB71	P04	13	DBRWL2	DBRWL2J02	13	EGSE/RWL2_OFF_Nom_Cmd	RTN	SK04	SK04J02	20	HP_Cmd	II	NOM
ACMS	DB71	P04	13	DBRWL2	DBRWL2J02	13	EGSE/RWL2_ON_Nom_Cmd	RTN	SK04	SK04J02	13	HP_Cmd	II	NOM
ACMS	DB71	P04	14	DBRWL2	DBRWL2J02	14	RWL2/EGSE_Therm_Mnt	ACT	SK04	SK04J02	03	Therm	IV	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P04	15	DBRWL2	DBRWL2J02	15	RWL2/EGSE_Therm_Mnt	RTN	SK04	SK04J02	09	Therm	IV	NOM
ACMS	DB71	P04	16	DBRWL2	DBRWL2J02	16	RWL2/EGSE_ON/OFF_Sts	ACT	SK04	SK04J02	27	RWL-Psts	II	NOM
ACMS	DB71	P04	17	DBRWL2	DBRWL2J02	17	RWL2/EGSE_Speed_Direction_Mnt	ACT	SK04	SK04J02	36	RWL-Sd	II	NOM
ACMS	DB71	P04	18	DBRWL2	DBRWL2J02	18	EGSE/RWL2_Torque_Direction_Cmd	ACT	SK04	SK04J02	38	RWL-Td	II	NOM
ACMS	DB71	P04	19	DBRWL2	DBRWL2J02	19	RWL2/EGSE_Tachometer_Mnt	RTN	SK04	SK04J02	41	RWL-S	II	NOM
ACMS	DB71	P04	19	DBRWL2	DBRWL2J02	19	RWL2/EGSE_ON/OFF_Sts	RTN	SK04	SK04J02	28	RWL-Psts	II	NOM
ACMS	DB71	P04	19	DBRWL2	DBRWL2J02	19	RWL2/EGSE_Speed_Direction_Mnt	RTN	SK04	SK04J02	37	RWL-Sd	II	NOM
ACMS	DB71	P04	19	DBRWL2	DBRWL2J02	19	EGSE/RWL2_Torque_Direction_Cmd	RTN	SK04	SK04J02	39	RWL-Td	II	NOM
ACMS	DB71	P04	23	DBRWL2	DBRWL2J02	23	EGSE/RWL2_ON_Red_Cmd	ACT	SK04	SK04J02	47	HP_Cmd	II	RED
ACMS	DB71	P04	24	DBRWL2	DBRWL2J02	24	EGSE/RWL2_OFF_Red_Cmd	ACT	SK04	SK04J02	55	HP_Cmd	II	RED
ACMS	DB71	P04	25	DBRWL2	DBRWL2J02	25	EGSE/RWL2_OFF_Red_Cmd	RTN	SK04	SK04J02	51	HP_Cmd	II	RED
ACMS	DB71	P04	25	DBRWL2	DBRWL2J02	25	EGSE/RWL2_ON_Red_Cmd	RTN	SK04	SK04J02	48	HP_Cmd	II	RED

5.15.5 DB71 P05 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P05	1	DBRWL3	DBRWL3J01	01	PCDU/RWL3_Pwr-1	ACT	PCDU	PCDUP02	13	PWR	I	NOM
ACMS	DB71	P05	4	DBRWL3	DBRWL3J01	04	PCDU/RWL3_Pwr-1	RTN	PCDU	PCDUP02	32	PWR	I	NOM
ACMS	DB71	P05	6	DBRWL3	DBRWL3J01	06	PCDU/RWL3_Pwr-2	ACT	PCDU	PCDUP02	14	PWR	I	NOM
ACMS	DB71	P05	9	DBRWL3	DBRWL3J01	09	PCDU/RWL3_Pwr-2	RTN	PCDU	PCDUP02	33	PWR	I	NOM

5.15.6 DB71 P06 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P06	2	DBRWL3	DBRWL3J02	02	RWL3/EGSE_Tachometer_Mnt	ACT	SK04	SK04J03	40	RWL-S	II	RED
ACMS	DB71	P06	4	DBRWL3	DBRWL3J02	04	RWL3/EGSE_Motor_Current_Mnt	ACT	SK04	SK04J03	44	RWL-M	II	RED
ACMS	DB71	P06	5	DBRWL3	DBRWL3J02	05	EGSE/RWL3_Torque_Cmd	ACT	SK04	SK04J03	52	RWL-T	II	RED
ACMS	DB71	P06	7	DBRWL3	DBRWL3J02	07	RWL3/EGSE_Motor_Current_Mnt	RTN	SK04	SK04J03	45	RWL-M	II	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P06	7	DBRWL3	DBRWL3J02	07	EGSE/RWL3_Torque_Cmd	RTN	SK04	SK04J03	46	RWL-T	II	RED
ACMS	DB71	P06	11	DBRWL3	DBRWL3J02	11	EGSE/RWL3_ON_Nom_Cmd	ACT	SK04	SK04J03	12	HP_Cmd	II	NOM
ACMS	DB71	P06	12	DBRWL3	DBRWL3J02	12	EGSE/RWL3_OFF_Nom_Cmd	ACT	SK04	SK04J03	19	HP_Cmd	II	NOM
ACMS	DB71	P06	13	DBRWL3	DBRWL3J02	13	EGSE/RWL3_OFF_Nom_Cmd	RTN	SK04	SK04J03	20	HP_Cmd	II	NOM
ACMS	DB71	P06	13	DBRWL3	DBRWL3J02	13	EGSE/RWL3_ON_Nom_Cmd	RTN	SK04	SK04J03	13	HP_Cmd	II	NOM
ACMS	DB71	P06	14	DBRWL3	DBRWL3J02	14	RWL3/EGSE_Therm_Mnt	ACT	SK04	SK04J03	03	Therm	IV	RED
ACMS	DB71	P06	15	DBRWL3	DBRWL3J02	15	RWL3/EGSE_Therm_Mnt	RTN	SK04	SK04J03	09	Therm	IV	RED
ACMS	DB71	P06	16	DBRWL3	DBRWL3J02	16	RWL3/EGSE_ON/OFF_Sts	ACT	SK04	SK04J03	27	RWL-Psts	II	RED
ACMS	DB71	P06	17	DBRWL3	DBRWL3J02	17	RWL3/EGSE_Speed_Direction_Mnt	ACT	SK04	SK04J03	36	RWL-Sd	II	RED
ACMS	DB71	P06	18	DBRWL3	DBRWL3J02	18	EGSE/RWL3_Torque_Direction_Cmd	ACT	SK04	SK04J03	38	RWL-Td	II	RED
ACMS	DB71	P06	19	DBRWL3	DBRWL3J02	19	RWL3/EGSE_ON/OFF_Sts	RTN	SK04	SK04J03	28	RWL-Psts	II	RED
ACMS	DB71	P06	19	DBRWL3	DBRWL3J02	19	RWL3/EGSE_Speed_Direction_Mnt	RTN	SK04	SK04J03	37	RWL-Sd	II	RED
ACMS	DB71	P06	19	DBRWL3	DBRWL3J02	19	RWL3/EGSE_Tachometer_Mnt	RTN	SK04	SK04J03	41	RWL-S	II	RED
ACMS	DB71	P06	19	DBRWL3	DBRWL3J02	19	EGSE/RWL3_Torque_Direction_Cmd	RTN	SK04	SK04J03	39	RWL-Td	II	RED
ACMS	DB71	P06	23	DBRWL3	DBRWL3J02	23	EGSE/RWL3_ON_Red_Cmd	ACT	SK04	SK04J03	47	HP_Cmd	II	RED
ACMS	DB71	P06	24	DBRWL3	DBRWL3J02	24	EGSE/RWL3_OFF_Red_Cmd	ACT	SK04	SK04J03	55	HP_Cmd	II	RED
ACMS	DB71	P06	25	DBRWL3	DBRWL3J02	25	EGSE/RWL3_OFF_Red_Cmd	RTN	SK04	SK04J03	51	HP_Cmd	II	RED
ACMS	DB71	P06	25	DBRWL3	DBRWL3J02	25	EGSE/RWL3_ON_Red_Cmd	RTN	SK04	SK04J03	48	HP_Cmd	II	RED

5.15.7 DB71 P07 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P07	1	DBRWL4	DBRWL4J01	01	PCDU/RWL4_Pwr-1	ACT	PCDU	PCDUP36	13	PWR	I	RED
ACMS	DB71	P07	4	DBRWL4	DBRWL4J01	04	PCDU/RWL4_Pwr-1	RTN	PCDU	PCDUP36	32	PWR	I	RED
ACMS	DB71	P07	6	DBRWL4	DBRWL4J01	06	PCDU/RWL4_Pwr-2	ACT	PCDU	PCDUP36	14	PWR	I	RED
ACMS	DB71	P07	9	DBRWL4	DBRWL4J01	09	PCDU/RWL4_Pwr-2	RTN	PCDU	PCDUP36	33	PWR	I	RED

5.15.8 DB71 P08 – ACMS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
ACMS	DB71	P08	2	DBRWL4	DBRWL4J02	02	RWL4/EGSE_Tachometer_Mnt	ACT	SK04	SK04J04	40	RWL-S	II	RED
ACMS	DB71	P08	4	DBRWL4	DBRWL4J02	04	RWL4/EGSE_Motor_Current_Mnt	ACT	SK04	SK04J04	44	RWL-M	II	RED
ACMS	DB71	P08	5	DBRWL4	DBRWL4J02	05	EGSE/RWL4_Torque_Cmd	ACT	SK04	SK04J04	52	RWL-T	II	RED
ACMS	DB71	P08	7	DBRWL4	DBRWL4J02	07	RWL4/EGSE_Motor_Current_Mnt	RTN	SK04	SK04J04	45	RWL-M	II	RED
ACMS	DB71	P08	7	DBRWL4	DBRWL4J02	07	EGSE/RWL4_Torque_Cmd	RTN	SK04	SK04J04	46	RWL-T	II	RED
ACMS	DB71	P08	11	DBRWL4	DBRWL4J02	11	EGSE/RWL4_ON_Nom_Cmd	ACT	SK04	SK04J04	12	HP_Cmd	II	NOM
ACMS	DB71	P08	12	DBRWL4	DBRWL4J02	12	EGSE/RWL4_OFF_Nom_Cmd	ACT	SK04	SK04J04	19	HP_Cmd	II	NOM
ACMS	DB71	P08	13	DBRWL4	DBRWL4J02	13	EGSE/RWL4_OFF_Nom_Cmd	RTN	SK04	SK04J04	20	HP_Cmd	II	NOM
ACMS	DB71	P08	13	DBRWL4	DBRWL4J02	13	EGSE/RWL4_ON_Nom_Cmd	RTN	SK04	SK04J04	13	HP_Cmd	II	NOM
ACMS	DB71	P08	14	DBRWL4	DBRWL4J02	14	RWL4/EGSE_Therm_Mnt	ACT	SK04	SK04J04	03	Therm	IV	RED
ACMS	DB71	P08	15	DBRWL4	DBRWL4J02	15	RWL4/EGSE_Therm_Mnt	RTN	SK04	SK04J04	09	Therm	IV	RED
ACMS	DB71	P08	16	DBRWL4	DBRWL4J02	16	RWL4/EGSE_ON/OFF_Sts	ACT	SK04	SK04J04	27	RWL-Psts	II	RED
ACMS	DB71	P08	17	DBRWL4	DBRWL4J02	17	RWL4/EGSE_Speed_Direction_Mnt	ACT	SK04	SK04J04	36	RWL-Sd	II	RED
ACMS	DB71	P08	18	DBRWL4	DBRWL4J02	18	EGSE/RWL4_Torque_Direction_Cmd	ACT	SK04	SK04J04	38	RWL-Td	II	RED
ACMS	DB71	P08	19	DBRWL4	DBRWL4J02	19	RWL4/EGSE_ON/OFF_Sts	RTN	SK04	SK04J04	28	RWL-Psts	II	RED
ACMS	DB71	P08	19	DBRWL4	DBRWL4J02	19	RWL4/EGSE_Tachometer_Mnt	RTN	SK04	SK04J04	41	RWL-S	II	RED
ACMS	DB71	P08	19	DBRWL4	DBRWL4J02	19	RWL4/EGSE_Speed_Direction_Mnt	RTN	SK04	SK04J04	37	RWL-Sd	II	RED
ACMS	DB71	P08	19	DBRWL4	DBRWL4J02	19	EGSE/RWL4_Torque_Direction_Cmd	RTN	SK04	SK04J04	39	RWL-Td	II	RED
ACMS	DB71	P08	23	DBRWL4	DBRWL4J02	23	EGSE/RWL4_ON_Red_Cmd	ACT	SK04	SK04J04	47	HP_Cmd	II	RED
ACMS	DB71	P08	24	DBRWL4	DBRWL4J02	24	EGSE/RWL4_OFF_Red_Cmd	ACT	SK04	SK04J04	55	HP_Cmd	II	RED
ACMS	DB71	P08	25	DBRWL4	DBRWL4J02	25	EGSE/RWL4_ON_Red_Cmd	RTN	SK04	SK04J04	48	HP_Cmd	II	RED
ACMS	DB71	P08	25	DBRWL4	DBRWL4J02	25	EGSE/RWL4_OFF_Red_Cmd	RTN	SK04	SK04J04	51	HP_Cmd	II	RED

5.16 DB09 – TT&C Dismountability Bracket Connectors

5.16.1 DB09 P01 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB09	P01	1	EPC1	EPC1P01	02	PCDU/EPC1_Pwr-1	ACT	PCDU	PCDUP04	11	PWR	I	NOM
TTC	DB09	P01	2	EPC1	EPC1P01	05	PCDU/EPC1_Pwr-1	RTN	PCDU	PCDUP04	30	PWR	I	NOM
TTC	DB09	P01	4	EPC1	EPC1P02	02	PCDU/EPC1_Pwr-2	ACT	PCDU	PCDUP04	12	PWR	I	NOM
TTC	DB09	P01	5	EPC1	EPC1P02	04	PCDU/EPC1_Pwr-2	RTN	PCDU	PCDUP04	31	PWR	I	NOM
TTC	DB09	P01	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line2_Nom_Pwr	ACT	PCDU	PCDUP01	02	PWR	I	NOM
TTC	DB09	P01	8	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line2_Nom_Pwr	RTN	PCDU	PCDUP01	15	PWR	I	NOM
TTC	DB09	P01	9	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line1_Nom_Pwr	ACT	PCDU	PCDUP01	06	PWR	I	NOM
TTC	DB09	P01	10	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line1_Nom_Pwr	RTN	PCDU	PCDUP01	19	PWR	I	NOM
TTC	DB09	P01	17	XPND1	XPND1P04	09	PCDU/XPND1_Tx_Pwr-1	ACT	PCDU	PCDUP02	09	PWR	I	NOM
TTC	DB09	P01	18	XPND1	XPND1P04	01	PCDU/XPND1_Tx_Pwr-1	RTN	PCDU	PCDUP02	28	PWR	I	NOM
TTC	DB09	P01	20	XPND1	XPND1P04	15	PCDU/XPND1_Rx_Pwr-1	ACT	PCDU	PCDUP30	01	PWR	I	NOM
TTC	DB09	P01	21	XPND1	XPND1P04	08	PCDU/XPND1_Rx_Pwr-1	RTN	PCDU	PCDUP30	20	PWR	I	NOM
TTC	DB09	P01	23	XPND1	XPND1P05	09	PCDU/XPND1_Tx_Pwr-2	ACT	PCDU	PCDUP02	10	PWR	I	NOM
TTC	DB09	P01	24	XPND1	XPND1P05	01	PCDU/XPND1_Tx_Pwr-2	RTN	PCDU	PCDUP02	29	PWR	I	NOM
TTC	DB09	P01	25	XPND1	XPND1P05	15	PCDU/XPND1_Rx_Pwr-2	ACT	PCDU	PCDUP30	02	PWR	I	NOM
TTC	DB09	P01	26	XPND1	XPND1P05	08	PCDU/XPND1_Rx_Pwr-2	RTN	PCDU	PCDUP30	21	PWR	I	NOM

5.16.2 DB09 P03 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB09	P03	1	EPC2	EPC2P01	02	PCDU/EPC2_Pwr-1	ACT	PCDU	PCDUP34	11	PWR	I	RED
TTC	DB09	P03	2	EPC2	EPC2P01	05	PCDU/EPC2_Pwr-1	RTN	PCDU	PCDUP34	30	PWR	I	RED
TTC	DB09	P03	4	EPC2	EPC2P02	02	PCDU/EPC2_Pwr-2	ACT	PCDU	PCDUP34	12	PWR	I	RED
TTC	DB09	P03	5	EPC2	EPC2P02	04	PCDU/EPC2_Pwr-2	RTN	PCDU	PCDUP34	31	PWR	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB09	P03	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line1_Red_Pwr	ACT	PCDU	PCDUP35	06	PWR	I	RED
TTC	DB09	P03	8	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line1_Red_Pwr	RTN	PCDU	PCDUP35	19	PWR	I	RED
TTC	DB09	P03	9	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line2_Red_Pwr	ACT	PCDU	PCDUP35	02	PWR	I	RED
TTC	DB09	P03	10	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line2_Red_Pwr	RTN	PCDU	PCDUP35	15	PWR	I	RED
TTC	DB09	P03	17	XPND2	XPND2P04	09	PCDU/XPND2_Tx_Pwr-1	ACT	PCDU	PCDUP34	07	PWR	I	RED
TTC	DB09	P03	18	XPND2	XPND2P04	01	PCDU/XPND2_Tx_Pwr-1	RTN	PCDU	PCDUP34	26	PWR	I	RED
TTC	DB09	P03	20	XPND2	XPND2P04	15	PCDU/XPND2_Rx_Pwr-1	ACT	PCDU	PCDUP08	01	PWR	I	RED
TTC	DB09	P03	21	XPND2	XPND2P04	08	PCDU/XPND2_Rx_Pwr-1	RTN	PCDU	PCDUP08	20	PWR	I	RED
TTC	DB09	P03	23	XPND2	XPND2P05	09	PCDU/XPND2_Tx_Pwr-2	ACT	PCDU	PCDUP34	08	PWR	I	RED
TTC	DB09	P03	24	XPND2	XPND2P05	01	PCDU/XPND2_Tx_Pwr-2	RTN	PCDU	PCDUP34	27	PWR	I	RED
TTC	DB09	P03	25	XPND2	XPND2P05	15	PCDU/XPND2_Rx_Pwr-2	ACT	PCDU	PCDUP08	02	PWR	I	RED
TTC	DB09	P03	26	XPND2	XPND2P05	08	PCDU/XPND2_Rx_Pwr-2	RTN	PCDU	PCDUP08	21	PWR	I	RED

5.17 DB91 – TT&C Dismountability Bracket Connectors

5.17.1 DB91 P03 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P03	1	EPC1	EPC1P01	28	EPC1/CDMU_ARU_Sts	ACT	CDMU	CDMUP083	76	DB_Mnt	II	NOM
TTC	DB91	P03	2	EPC1	EPC1P01	30	EPC1/CDMU_TWTA_ON/OFF_Sts	ACT	CDMU	CDMUP081	21	DB_Mnt	II	NOM
TTC	DB91	P03	3	EPC1	EPC1P01	31	CDMU/EPC1_EPC_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	30	HP_Cmd	II	NOM
TTC	DB91	P03	4	EPC1	EPC1P01	10	EPC1/CDMU_EPC_ON/OFF_Sts	ACT	CDMU	CDMUP081	61	DB_Mnt	II	NOM
TTC	DB91	P03	5	EPC1	EPC1P01	12	CDMU/EPC1_TWTA_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	12	HP_Cmd	II	NOM
TTC	DB91	P03	6	EPC1	EPC1P01	17	CDMU/EPC1_TWTA_ON_Nom_Cmd	ACT	CDMU	CDMUP045	68	HP_Cmd	II	NOM
TTC	DB91	P03	8	EPC2	EPC2P01	12	CDMU/EPC2_TWTA_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	50	HP_Cmd	II	NOM
TTC	DB91	P03	9	EPC2	EPC2P01	17	CDMU/EPC2_TWTA_ON_Nom_Cmd	ACT	CDMU	CDMUP045	31	HP_Cmd	II	NOM
TTC	DB91	P03	10	EPC2	EPC2P01	31	CDMU/EPC2_EPC_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	70	HP_Cmd	II	NOM
TTC	DB91	P03	11	EPC2	EPC2P01	32	CDMU/EPC2_EPC_ON_Nom_Cmd	ACT	CDMU	CDMUP045	51	HP_Cmd	II	NOM
TTC	DB91	P03	12	EPC1	EPC1P01	32	CDMU/EPC1_EPC_ON_Nom_Cmd	ACT	CDMU	CDMUP045	13	HP_Cmd	II	NOM
TTC	DB91	P03	13	RFDN	RFDNP09	01	RFDN/CDMU_TM_SW1_Pos1_Sts	ACT	CDMU	CDMUP083	08	DR_Mnt	II	NOM
TTC	DB91	P03	14	RFDN	RFDNP09	02	RFDN/CDMU_TM_SW1_Pos2_Sts	ACT	CDMU	CDMUP093	08	DR_Mnt	II	NOM
TTC	DB91	P03	15	RFDN	RFDNP09	04	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	15	EHP_Cmd	II	NOM
TTC	DB91	P03	16	RFDN	RFDNP09	12	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	16	EHP_Cmd	II	NOM
TTC	DB91	P03	21	EPC1	EPC1P01	09	EPC1/CDMU_ARU_Sts	RTN	CDMU	CDMUP083	75	DB_Mnt	II	NOM
TTC	DB91	P03	22	EPC1	EPC1P01	09	EPC1/CDMU_TWTA_ON/OFF_Sts	RTN	CDMU	CDMUP081	01	DB_Mnt	II	NOM
TTC	DB91	P03	23	EPC1	EPC1P01	13	CDMU/EPC1_EPC_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	29	HP_Cmd	II	NOM
TTC	DB91	P03	24	EPC1	EPC1P01	09	EPC1/CDMU_EPC_ON/OFF_Sts	RTN	CDMU	CDMUP081	41	DB_Mnt	II	NOM
TTC	DB91	P03	25	EPC1	EPC1P01	14	CDMU/EPC1_TWTA_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	11	HP_Cmd	II	NOM
TTC	DB91	P03	26	EPC1	EPC1P01	14	CDMU/EPC1_TWTA_ON_Nom_Cmd	RTN	CDMU	CDMUP045	69	HP_Cmd	II	NOM
TTC	DB91	P03	28	EPC2	EPC2P01	14	CDMU/EPC2_TWTA_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	49	HP_Cmd	II	NOM
TTC	DB91	P03	29	EPC2	EPC2P01	14	CDMU/EPC2_TWTA_ON_Nom_Cmd	RTN	CDMU	CDMUP045	29	HP_Cmd	II	NOM
TTC	DB91	P03	30	EPC2	EPC2P01	13	CDMU/EPC2_EPC_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	69	HP_Cmd	II	NOM
TTC	DB91	P03	31	EPC2	EPC2P01	13	CDMU/EPC2_EPC_ON_Nom_Cmd	RTN	CDMU	CDMUP045	52	HP_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P03	32	EPC1	EPC1P01	13	CDMU/EPC1_EPC_ON_Nom_Cmd	RTN	CDMU	CDMUP045	14	HP_Cmd	II	NOM
TTC	DB91	P03	33	RFDN	RFDNP09	03	RFDN/CDMU_TM_SW1_Pos1_Sts	RTN	CDMU	CDMUP083	07	DR_Mnt	II	NOM
TTC	DB91	P03	34	RFDN	RFDNP09	03	RFDN/CDMU_TM_SW1_Pos2_Sts	RTN	CDMU	CDMUP093	07	DR_Mnt	II	NOM
TTC	DB91	P03	35	RFDN	RFDNP09	05	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	14	EHP_Cmd	II	NOM
TTC	DB91	P03	36	RFDN	RFDNP09	15	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	17	EHP_Cmd	II	NOM
TTC	DB91	P03	40	RFDN	RFDNP10	01	RFDN/CDMU_TM_SW2_Pos1_Sts	ACT	CDMU	CDMUP083	66	DR_Mnt	II	NOM
TTC	DB91	P03	41	RFDN	RFDNP10	02	RFDN/CDMU_TM_SW2_Pos2_Sts	ACT	CDMU	CDMUP093	66	DR_Mnt	II	NOM
TTC	DB91	P03	42	RFDN	RFDNP10	04	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	33	EHP_Cmd	II	NOM
TTC	DB91	P03	43	RFDN	RFDNP10	12	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	34	EHP_Cmd	II	NOM
TTC	DB91	P03	45	RFDN	RFDNP11	04	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	53	EHP_Cmd	II	NOM
TTC	DB91	P03	46	RFDN	RFDNP11	12	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	54	EHP_Cmd	II	NOM
TTC	DB91	P03	47	RFDN	RFDNP12	04	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	73	EHP_Cmd	II	NOM
TTC	DB91	P03	48	RFDN	RFDNP12	12	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	74	EHP_Cmd	II	NOM
TTC	DB91	P03	60	RFDN	RFDNP10	03	RFDN/CDMU_TM_SW2_Pos1_Sts	RTN	CDMU	CDMUP083	65	DR_Mnt	II	NOM
TTC	DB91	P03	61	RFDN	RFDNP10	03	RFDN/CDMU_TM_SW2_Pos2_Sts	RTN	CDMU	CDMUP093	65	DR_Mnt	II	NOM
TTC	DB91	P03	62	RFDN	RFDNP10	05	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	32	EHP_Cmd	II	NOM
TTC	DB91	P03	63	RFDN	RFDNP10	15	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	32	EHP_Cmd	II	NOM
TTC	DB91	P03	65	RFDN	RFDNP11	05	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	52	EHP_Cmd	II	NOM
TTC	DB91	P03	66	RFDN	RFDNP11	15	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	55	EHP_Cmd	II	NOM
TTC	DB91	P03	67	RFDN	RFDNP12	05	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	72	EHP_Cmd	II	NOM
TTC	DB91	P03	68	RFDN	RFDNP12	15	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	72	EHP_Cmd	II	NOM

5.17.2 DB91 P04 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P04	1	XPND1	XPND1P04	04	CDMU/XPND1_Tx_ON_Nom_Cmd	ACT	CDMU	CDMUP045	28	HP_Cmd	II	NOM
TTC	DB91	P04	2	XPND1	XPND1P04	05	CDMU/XPND1_Tx_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	47	HP_Cmd	II	NOM
TTC	DB91	P04	3	XPND1	XPND1P04	10	CDMU/XPND1_Rx_RateSelection_4KBps_Cmd	ACT	CDMU	CDMUP093	09	HL_Cmd	II	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P04	4	XPND1	XPND1P04	11	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	ACT	CDMU	CDMUP093	11	HL_Cmd	II	NOM
TTC	DB91	P04	6	XPND1	XPND1P06	01	XPND1/CDMU_TC_Data	TRUE	CDMU	CDMUP043	04	SBDL	II	NOM
TTC	DB91	P04	7	XPND1	XPND1P06	03	XPND1/CDMU_TC_Squelch	TRUE	CDMU	CDMUP043	02	SBDL	II	NOM
TTC	DB91	P04	8	XPND1	XPND1P06	05	XPND1/CDMU_TC_Clock	TRUE	CDMU	CDMUP043	03	SBDL	II	NOM
TTC	DB91	P04	9	XPND1	XPND1P06	07	XPND1/CDMU_TC_RF_Lock	TRUE	CDMU	CDMUP043	05	SBDL	II	NOM
TTC	DB91	P04	10	XPND1	XPND1P06	11	CDMU/XPND1_TM_Clock	TRUE	CDMU	CDMUP043	07	SBDL	II	NOM
TTC	DB91	P04	11	XPND1	XPND1P06	13	CDMU/XPND1_TM_Data	TRUE	CDMU	CDMUP043	08	SBDL	II	NOM
TTC	DB91	P04	13	XPND1	XPND1P08	07	XPND1/CDMU_Tx_ON/OFF_Sts	ACT	CDMU	CDMUP083	28	DR_Mnt	II	NOM
TTC	DB91	P04	14	XPND1	XPND1P08	21	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	ACT	CDMU	CDMUP083	16	DB_Mnt	II	NOM
TTC	DB91	P04	16	XPND2	XPND2P04	04	CDMU/XPND2_Tx_ON_Nom_Cmd	ACT	CDMU	CDMUP045	48	HP_Cmd	II	NOM
TTC	DB91	P04	17	XPND2	XPND2P04	05	CDMU/XPND2_Tx_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	67	HP_Cmd	II	NOM
TTC	DB91	P04	21	XPND1	XPND1P04	12	CDMU/XPND1_Tx_ON_Nom_Cmd	RTN	CDMU	CDMUP045	26	HP_Cmd	II	NOM
TTC	DB91	P04	22	XPND1	XPND1P04	12	CDMU/XPND1_Tx_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	46	HP_Cmd	II	NOM
TTC	DB91	P04	23	XPND1	XPND1P04	07	CDMU/XPND1_Rx_RateSelection_4KBps_Cmd	RTN	CDMU	CDMUP093	10	HL_Cmd	II	NOM
TTC	DB91	P04	24	XPND1	XPND1P04	07	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	RTN	CDMU	CDMUP093	10	HL_Cmd	II	NOM
TTC	DB91	P04	26	XPND1	XPND1P06	14	XPND1/CDMU_TC_Data	COMP	CDMU	CDMUP043	23	SBDL	II	NOM
TTC	DB91	P04	27	XPND1	XPND1P06	16	XPND1/CDMU_TC_Squelch	COMP	CDMU	CDMUP043	21	SBDL	II	NOM
TTC	DB91	P04	28	XPND1	XPND1P06	18	XPND1/CDMU_TC_Clock	COMP	CDMU	CDMUP043	22	SBDL	II	NOM
TTC	DB91	P04	29	XPND1	XPND1P06	20	XPND1/CDMU_TC_RF_Lock	COMP	CDMU	CDMUP043	24	SBDL	II	NOM
TTC	DB91	P04	30	XPND1	XPND1P06	23	CDMU/XPND1_TM_Clock	COMP	CDMU	CDMUP043	26	SBDL	II	NOM
TTC	DB91	P04	31	XPND1	XPND1P06	25	CDMU/XPND1_TM_Data	COMP	CDMU	CDMUP043	27	SBDL	II	NOM
TTC	DB91	P04	33	XPND1	XPND1P08	20	XPND1/CDMU_Tx_ON/OFF_Sts	RTN	CDMU	CDMUP083	27	DR_Mnt	II	NOM
TTC	DB91	P04	34	XPND1	XPND1P08	22	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	RTN	CDMU	CDMUP083	15	DB_Mnt	II	NOM
TTC	DB91	P04	36	XPND2	XPND2P04	12	CDMU/XPND2_Tx_ON_Nom_Cmd	RTN	CDMU	CDMUP045	49	HP_Cmd	II	NOM
TTC	DB91	P04	37	XPND2	XPND2P04	12	CDMU/XPND2_Tx_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	66	HP_Cmd	II	NOM

5.17.3 DB91 P05 – TT&C Dismountability Bracket Connector

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TTC	DB91	P05	1	EPC1	EPC1P02	08	CDMU/EPC1_TWTA_ON_Red_Cmd	ACT	CDMU	CDMUP055	68	HP_Cmd	II	RED
TTC	DB91	P05	2	EPC1	EPC1P02	07	CDMU/EPC1_TWTA_OFF_Red_Cmd	ACT	CDMU	CDMUP055	12	HP_Cmd	II	RED
TTC	DB91	P05	3	EPC1	EPC1P02	14	CDMU/EPC1_EPC_OFF_Red_Cmd	ACT	CDMU	CDMUP055	30	HP_Cmd	II	RED
TTC	DB91	P05	4	EPC1	EPC1P02	15	CDMU/EPC1_EPC_ON_Red_Cmd	ACT	CDMU	CDMUP055	13	HP_Cmd	II	RED
TTC	DB91	P05	5	XPND2	XPND2P05	03	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	ACT	CDMU	CDMUP093	29	HP_Cmd	II	RED
TTC	DB91	P05	6	EPC2	EPC2P01	10	EPC2/CDMU_EPC_ON/OFF_Sts	ACT	CDMU	CDMUP091	61	DB_Mnt	II	RED
TTC	DB91	P05	7	EPC2	EPC2P01	28	EPC2/CDMU_ARU_Sts	ACT	CDMU	CDMUP093	76	DB_Mnt	II	RED
TTC	DB91	P05	8	EPC2	EPC2P01	30	EPC2/CDMU_TWTA_ON/OFF_Sts	ACT	CDMU	CDMUP091	21	DB_Mnt	II	RED
TTC	DB91	P05	9	XPND2	XPND2P05	07	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	ACT	CDMU	CDMUP093	31	HP_Cmd	II	RED
TTC	DB91	P05	10	EPC2	EPC2P02	07	CDMU/EPC2_TWTA_OFF_Red_Cmd	ACT	CDMU	CDMUP055	50	HP_Cmd	II	RED
TTC	DB91	P05	11	EPC2	EPC2P02	08	CDMU/EPC2_TWTA_ON_Red_Cmd	ACT	CDMU	CDMUP055	31	HP_Cmd	II	RED
TTC	DB91	P05	12	EPC2	EPC2P02	14	CDMU/EPC2_EPC_OFF_Red_Cmd	ACT	CDMU	CDMUP055	70	HP_Cmd	II	RED
TTC	DB91	P05	13	EPC2	EPC2P02	15	CDMU/EPC2_EPC_ON_Red_Cmd	ACT	CDMU	CDMUP055	51	HP_Cmd	II	RED
TTC	DB91	P05	14	XPND1	XPND1P05	03	CDMU/XPND1_Rx_RateSelection_4KBps_Red_Cmd	ACT	CDMU	CDMUP125	56	HP_Cmd	II	RED
TTC	DB91	P05	15	RFDN	RFDNP09	06	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	16	EHP_Cmd	II	RED
TTC	DB91	P05	16	RFDN	RFDNP09	13	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	15	EHP_Cmd	II	RED
TTC	DB91	P05	17	XPND1	XPND1P05	07	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	ACT	CDMU	CDMUP125	58	HP_Cmd	II	RED
TTC	DB91	P05	21	EPC1	EPC1P02	06	CDMU/EPC1_TWTA_ON_Red_Cmd	RTN	CDMU	CDMUP055	69	HP_Cmd	II	RED
TTC	DB91	P05	22	EPC1	EPC1P02	06	CDMU/EPC1_TWTA_OFF_Red_Cmd	RTN	CDMU	CDMUP055	11	HP_Cmd	II	RED
TTC	DB91	P05	23	EPC1	EPC1P02	13	CDMU/EPC1_EPC_OFF_Red_Cmd	RTN	CDMU	CDMUP055	29	HP_Cmd	II	RED
TTC	DB91	P05	24	EPC1	EPC1P02	13	CDMU/EPC1_EPC_ON_Red_Cmd	RTN	CDMU	CDMUP055	14	HP_Cmd	II	RED
TTC	DB91	P05	25	XPND2	XPND2P05	11	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	RTN	CDMU	CDMUP093	30	HP_Cmd	II	RED
TTC	DB91	P05	26	EPC2	EPC2P01	09	EPC2/CDMU_EPC_ON/OFF_Sts	RTN	CDMU	CDMUP091	41	DB_Mnt	II	RED
TTC	DB91	P05	27	EPC2	EPC2P01	09	EPC2/CDMU_ARU_Sts	RTN	CDMU	CDMUP093	75	DB_Mnt	II	RED
TTC	DB91	P05	28	EPC2	EPC2P01	09	EPC2/CDMU_TWTA_ON/OFF_Sts	RTN	CDMU	CDMUP091	01	DB_Mnt	II	RED
TTC	DB91	P05	29	XPND2	XPND2P05	11	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	RTN	CDMU	CDMUP093	30	HP_Cmd	II	RED
TTC	DB91	P05	30	EPC2	EPC2P02	06	CDMU/EPC2_TWTA_OFF_Red_Cmd	RTN	CDMU	CDMUP055	49	HP_Cmd	II	RED
TTC	DB91	P05	31	EPC2	EPC2P02	06	CDMU/EPC2_TWTA_ON_Red_Cmd	RTN	CDMU	CDMUP055	29	HP_Cmd	II	RED
TTC	DB91	P05	32	EPC2	EPC2P02	13	CDMU/EPC2_EPC_OFF_Red_Cmd	RTN	CDMU	CDMUP055	69	HP_Cmd	II	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P05	33	EPC2	EPC2P02	13	CDMU/EPC2_EPC_ON_Red_Cmd	RTN	CDMU	CDMUP055	52	HP_Cmd	II	RED
TTC	DB91	P05	34	XPND1	XPND1P05	11	CDMU/XPND1_Rx_RateSelection_4KBps_Red_Cmd	RTN	CDMU	CDMUP125	57	HP_Cmd	II	RED
TTC	DB91	P05	35	RFDN	RFDNP09	10	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	14	EHP_Cmd	II	RED
TTC	DB91	P05	36	RFDN	RFDNP09	14	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	17	EHP_Cmd	II	RED
TTC	DB91	P05	37	XPND1	XPND1P05	11	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	RTN	CDMU	CDMUP125	57	HP_Cmd	II	RED
TTC	DB91	P05	40	RFDN	RFDNP10	06	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	34	EHP_Cmd	II	RED
TTC	DB91	P05	41	RFDN	RFDNP10	13	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	33	EHP_Cmd	II	RED
TTC	DB91	P05	43	RFDN	RFDNP11	02	RFDN/CDMU_TM_SW3_Pos2_Sts	ACT	CDMU	CDMUP093	46	DR_Mnt	II	RED
TTC	DB91	P05	44	RFDN	RFDNP11	01	RFDN/CDMU_TM_SW3_Pos1_Sts	ACT	CDMU	CDMUP083	46	DR_Mnt	II	RED
TTC	DB91	P05	45	RFDN	RFDNP11	06	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	54	EHP_Cmd	II	RED
TTC	DB91	P05	46	RFDN	RFDNP11	13	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	53	EHP_Cmd	II	RED
TTC	DB91	P05	48	RFDN	RFDNP12	02	RFDN/CDMU_TM_SW4_Pos2_Sts	ACT	CDMU	CDMUP093	26	DR_Mnt	II	RED
TTC	DB91	P05	49	RFDN	RFDNP12	01	RFDN/CDMU_TM_SW4_Pos1_Sts	ACT	CDMU	CDMUP083	26	DR_Mnt	II	RED
TTC	DB91	P05	50	RFDN	RFDNP12	06	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	74	EHP_Cmd	II	RED
TTC	DB91	P05	51	RFDN	RFDNP12	13	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	73	EHP_Cmd	II	RED
TTC	DB91	P05	60	RFDN	RFDNP10	10	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	32	EHP_Cmd	II	RED
TTC	DB91	P05	61	RFDN	RFDNP10	14	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	32	EHP_Cmd	II	RED
TTC	DB91	P05	63	RFDN	RFDNP11	03	RFDN/CDMU_TM_SW3_Pos2_Sts	RTN	CDMU	CDMUP093	45	DR_Mnt	II	RED
TTC	DB91	P05	64	RFDN	RFDNP11	03	RFDN/CDMU_TM_SW3_Pos1_Sts	RTN	CDMU	CDMUP083	45	DR_Mnt	II	RED
TTC	DB91	P05	65	RFDN	RFDNP11	10	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	52	EHP_Cmd	II	RED
TTC	DB91	P05	66	RFDN	RFDNP11	14	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	52	EHP_Cmd	II	RED
TTC	DB91	P05	68	RFDN	RFDNP12	03	RFDN/CDMU_TM_SW4_Pos2_Sts	RTN	CDMU	CDMUP093	25	DR_Mnt	II	RED
TTC	DB91	P05	69	RFDN	RFDNP12	03	RFDN/CDMU_TM_SW4_Pos1_Sts	RTN	CDMU	CDMUP083	25	DR_Mnt	II	RED
TTC	DB91	P05	70	RFDN	RFDNP12	10	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	72	EHP_Cmd	II	RED
TTC	DB91	P05	71	RFDN	RFDNP12	14	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	72	EHP_Cmd	II	RED

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TTC	DB91	P06	1	XPND1	XPND1P05	04	CDMU/XPND1_Tx_ON_Red_Cmd	ACT	CDMU	CDMUP055	28	HP_Cmd	II	RED
TTC	DB91	P06	2	XPND1	XPND1P05	05	CDMU/XPND1_Tx_OFF_Red_Cmd	ACT	CDMU	CDMUP055	47	HP_Cmd	II	RED
TTC	DB91	P06	4	XPND2	XPND2P04	10	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	ACT	CDMU	CDMUP125	76	HL_Cmd	II	RED
TTC	DB91	P06	5	XPND2	XPND2P04	11	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	ACT	CDMU	CDMUP125	78	HL_Cmd	II	RED
TTC	DB91	P06	7	XPND2	XPND2P05	04	CDMU/XPND2_Tx_ON_Red_Cmd	ACT	CDMU	CDMUP055	48	HP_Cmd	II	RED
TTC	DB91	P06	8	XPND2	XPND2P05	05	CDMU/XPND2_Tx_OFF_Red_Cmd	ACT	CDMU	CDMUP055	67	HP_Cmd	II	RED
TTC	DB91	P06	10	XPND2	XPND2P06	01	XPND2/CDMU_TC_Data	TRUE	CDMU	CDMUP053	04	SBDL	II	RED
TTC	DB91	P06	11	XPND2	XPND2P06	03	XPND2/CDMU_TC_Squelch	TRUE	CDMU	CDMUP053	02	SBDL	II	RED
TTC	DB91	P06	12	XPND2	XPND2P06	05	XPND2/CDMU_TC_Clock	TRUE	CDMU	CDMUP053	03	SBDL	II	RED
TTC	DB91	P06	13	XPND2	XPND2P06	07	XPND2/CDMU_TC_RF_Lock	TRUE	CDMU	CDMUP053	05	SBDL	II	RED
TTC	DB91	P06	14	XPND2	XPND2P06	11	CDMU/XPND2_TM_Clock	TRUE	CDMU	CDMUP053	07	SBDL	II	RED
TTC	DB91	P06	15	XPND2	XPND2P06	13	CDMU/XPND2_TM_Data	TRUE	CDMU	CDMUP053	08	SBDL	II	RED
TTC	DB91	P06	17	XPND2	XPND2P08	07	XPND2/CDMU_Tx_ON/OFF_Sts	ACT	CDMU	CDMUP093	28	DR_Mnt	II	RED
TTC	DB91	P06	18	XPND2	XPND2P08	21	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	ACT	CDMU	CDMUP093	16	DB_Mnt	II	RED
TTC	DB91	P06	21	XPND1	XPND1P05	12	CDMU/XPND1_Tx_ON_Red_Cmd	RTN	CDMU	CDMUP055	26	HP_Cmd	II	RED
TTC	DB91	P06	22	XPND1	XPND1P05	12	CDMU/XPND1_Tx_OFF_Red_Cmd	RTN	CDMU	CDMUP055	46	HP_Cmd	II	RED
TTC	DB91	P06	24	XPND2	XPND2P04	07	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	RTN	CDMU	CDMUP125	77	HL_Cmd	II	RED
TTC	DB91	P06	25	XPND2	XPND2P04	07	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	RTN	CDMU	CDMUP125	77	HL_Cmd	II	RED
TTC	DB91	P06	27	XPND2	XPND2P05	12	CDMU/XPND2_Tx_ON_Red_Cmd	RTN	CDMU	CDMUP055	49	HP_Cmd	II	RED
TTC	DB91	P06	28	XPND2	XPND2P05	12	CDMU/XPND2_Tx_OFF_Red_Cmd	RTN	CDMU	CDMUP055	66	HP_Cmd	II	RED
TTC	DB91	P06	30	XPND2	XPND2P06	14	XPND2/CDMU_TC_Data	COMP	CDMU	CDMUP053	23	SBDL	II	RED
TTC	DB91	P06	31	XPND2	XPND2P06	16	XPND2/CDMU_TC_Squelch	COMP	CDMU	CDMUP053	21	SBDL	II	RED
TTC	DB91	P06	32	XPND2	XPND2P06	18	XPND2/CDMU_TC_Clock	COMP	CDMU	CDMUP053	22	SBDL	II	RED
TTC	DB91	P06	33	XPND2	XPND2P06	20	XPND2/CDMU_TC_RF_Lock	COMP	CDMU	CDMUP053	24	SBDL	II	RED
TTC	DB91	P06	34	XPND2	XPND2P06	23	CDMU/XPND2_TM_Clock	COMP	CDMU	CDMUP053	26	SBDL	II	RED
TTC	DB91	P06	35	XPND2	XPND2P06	25	CDMU/XPND2_TM_Data	COMP	CDMU	CDMUP053	27	SBDL	II	RED
TTC	DB91	P06	37	XPND2	XPND2P08	20	XPND2/CDMU_Tx_ON/OFF_Sts	RTN	CDMU	CDMUP093	27	DR_Mnt	II	RED
TTC	DB91	P06	38	XPND2	XPND2P08	22	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	RTN	CDMU	CDMUP093	15	DB_Mnt	II	RED

5.18 DB92 – TT&C Dismountability Bracket Connectors

5.18.1 DB92 P01 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P01	1	EPC1	EPC1P01	08	EPC1/CDMU_Therm-5_Mnt	ACT	CDMU	CDMUP085	72	Therm	IV	NOM
TTC	DB92	P01	2	EPC1	EPC1P01	16	EPC1/CDMU_Anode_Voltage_Mnt	ACT	CDMU	CDMUP081	19	An_Mnt	IV	NOM
TTC	DB92	P01	3	EPC1	EPC1P01	34	EPC1/CDMU_Helix_Current_Mnt	ACT	CDMU	CDMUP081	76	An_Mnt	IV	NOM
TTC	DB92	P01	5	RFDN	RFDNP21	FL1	RFDN/CDMU_Therm-6_Isolator1_Mnt	ACT	CDMU	CDMUP085	53	Therm	IV	NOM
TTC	DB92	P01	7	RFDN	RFDNP23	FL1	RFDN/CDMU_Therm-18_Diplexer1_Mnt	ACT	CDMU	CDMUP085	44	Therm	IV	NOM
TTC	DB92	P01	9	THERM	N/A	FL1	THERM-050/CDMU_TCS_Line02_Th1_Mnt	ACT	CDMU	CDMUP101	51	Therm	IV	NOM
TTC	DB92	P01	10	THERM	N/A	FL1	THERM-049/CDMU_TCS_Line01_Th1_Mnt	ACT	CDMU	CDMUP101	70	Therm	IV	NOM
TTC	DB92	P01	14	XPND1	XPND1P08	01	XPND1/CDMU_Tx_Volt2_Mnt	ACT	CDMU	CDMUP081	59	An_Mnt	IV	NOM
TTC	DB92	P01	15	XPND1	XPND1P08	03	XPND1/CDMU_Therm-3_Tx_Mnt	ACT	CDMU	CDMUP085	36	Therm	IV	NOM
TTC	DB92	P01	16	XPND1	XPND1P08	05	XPND1/CDMU_Pout_Mnt	ACT	CDMU	CDMUP081	38	An_Mnt	IV	NOM
TTC	DB92	P01	17	XPND1	XPND1P08	09	XPND1/CDMU_Rx1_AGC_Level_Mnt	ACT	CDMU	CDMUP081	36	An_Mnt	IV	NOM
TTC	DB92	P01	18	XPND1	XPND1P08	10	XPND1/CDMU_Rx1_PLL_SPE_Mnt	ACT	CDMU	CDMUP081	17	An_Mnt	IV	NOM
TTC	DB92	P01	21	EPC1	EPC1P01	27	EPC1/CDMU_Therm-5_Mnt	RTN	CDMU	CDMUP085	71	Therm	IV	NOM
TTC	DB92	P01	22	EPC1	EPC1P01	35	EPC1/CDMU_Anode_Voltage_Mnt	RTN	CDMU	CDMUP081	18	An_Mnt	IV	NOM
TTC	DB92	P01	23	EPC1	EPC1P01	35	EPC1/CDMU_Helix_Current_Mnt	RTN	CDMU	CDMUP081	75	An_Mnt	IV	NOM
TTC	DB92	P01	25	RFDN	RFDNP21	FL2	RFDN/CDMU_Therm-6_Isolator1_Mnt	RTN	CDMU	CDMUP085	52	Therm	IV	NOM
TTC	DB92	P01	27	RFDN	RFDNP23	FL2	RFDN/CDMU_Therm-18_Diplexer1_Mnt	RTN	CDMU	CDMUP085	43	Therm	IV	NOM
TTC	DB92	P01	29	THERM	N/A	FL2	THERM-050/CDMU_TCS_Line02_Th1_Mnt	RTN	CDMU	CDMUP101	50	Therm	IV	NOM
TTC	DB92	P01	30	THERM	N/A	FL2	THERM-049/CDMU_TCS_Line01_Th1_Mnt	RTN	CDMU	CDMUP101	69	Therm	IV	NOM
TTC	DB92	P01	34	XPND1	XPND1P08	14	XPND1/CDMU_Tx_Volt2_Mnt	RTN	CDMU	CDMUP081	58	An_Mnt	IV	NOM
TTC	DB92	P01	35	XPND1	XPND1P08	16	XPND1/CDMU_Therm-3_Tx_Mnt	RTN	CDMU	CDMUP085	35	Therm	IV	NOM
TTC	DB92	P01	36	XPND1	XPND1P08	18	XPND1/CDMU_Pout_Mnt	RTN	CDMU	CDMUP081	37	An_Mnt	IV	NOM
TTC	DB92	P01	37	XPND1	XPND1P08	06	XPND1/CDMU_Rx1_AGC_Level_Mnt	RTN	CDMU	CDMUP081	35	An_Mnt	IV	NOM
TTC	DB92	P01	38	XPND1	XPND1P08	06	XPND1/CDMU_Rx1_PLL_SPE_Mnt	RTN	CDMU	CDMUP081	16	An_Mnt	IV	NOM
TTC	DB92	P01	40	XPND1	XPND1P08	11	XPND1/CDMU_Therm-4_Rx_Mnt	ACT	CDMU	CDMUP085	16	Therm	IV	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P01	41	XPND1	XPND1P08	13	XPND1/CDMU_Rx_Volt1_Mnt	ACT	CDMU	CDMUP081	78	An_Mnt	IV	NOM
TTC	DB92	P01	60	XPND1	XPND1P08	23	XPND1/CDMU_Therm-4_Rx_Mnt	RTN	CDMU	CDMUP085	15	Therm	IV	NOM
TTC	DB92	P01	61	XPND1	XPND1P08	25	XPND1/CDMU_Rx_Volt1_Mnt	RTN	CDMU	CDMUP081	77	An_Mnt	IV	NOM

5.18.2 DB92 P02 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P02	1	EPC2	EPC2P01	08	EPC2/CDMU_Therm-29_Mnt	ACT	CDMU	CDMUP095	72	Therm	IV	RED
TTC	DB92	P02	2	EPC2	EPC2P01	16	EPC2/CDMU_Anode_Voltage_Mnt	ACT	CDMU	CDMUP091	19	An_Mnt	IV	RED
TTC	DB92	P02	3	EPC2	EPC2P01	34	EPC2/CDMU_Helix_Current_Mnt	ACT	CDMU	CDMUP091	76	An_Mnt	IV	RED
TTC	DB92	P02	5	RFDN	RFDNP22	FL1	RFDN/CDMU_Therm-30_Isolator2_Mnt	ACT	CDMU	CDMUP095	53	Therm	IV	RED
TTC	DB92	P02	7	RFDN	RFDNP24	FL1	RFDN/CDMU_Therm-42_Diplexer2_Mnt	ACT	CDMU	CDMUP095	44	Therm	IV	RED
TTC	DB92	P02	9	THERM	N/A	FL1	THERM-098/CDMU_TCS_Line02_Th2_Mnt	ACT	CDMU	CDMUP111	51	Therm	IV	RED
TTC	DB92	P02	10	THERM	N/A	FL1	THERM-097/CDMU_TCS_Line01_Th2_Mnt	ACT	CDMU	CDMUP111	70	Therm	IV	RED
TTC	DB92	P02	14	XPND2	XPND2P08	01	XPND2/CDMU_Tx_Volt2_Mnt	ACT	CDMU	CDMUP091	59	An_Mnt	IV	RED
TTC	DB92	P02	15	XPND2	XPND2P08	03	XPND2/CDMU_Therm-27_Tx_Mnt	ACT	CDMU	CDMUP095	36	Therm	IV	RED
TTC	DB92	P02	16	XPND2	XPND2P08	05	XPND2/CDMU_Pout_Mnt	ACT	CDMU	CDMUP091	38	An_Mnt	IV	RED
TTC	DB92	P02	17	XPND2	XPND2P08	09	XPND2/CDMU_Rx2_AGC_Level_Mnt	ACT	CDMU	CDMUP091	36	An_Mnt	IV	RED
TTC	DB92	P02	18	XPND2	XPND2P08	10	XPND2/CDMU_Rx2_PLL_SPE_Mnt	ACT	CDMU	CDMUP091	17	An_Mnt	IV	RED
TTC	DB92	P02	21	EPC2	EPC2P01	27	EPC2/CDMU_Therm-29_Mnt	RTN	CDMU	CDMUP095	71	Therm	IV	RED
TTC	DB92	P02	22	EPC2	EPC2P01	35	EPC2/CDMU_Anode_Voltage_Mnt	RTN	CDMU	CDMUP091	18	An_Mnt	IV	RED
TTC	DB92	P02	23	EPC2	EPC2P01	35	EPC2/CDMU_Helix_Current_Mnt	RTN	CDMU	CDMUP091	75	An_Mnt	IV	RED
TTC	DB92	P02	25	RFDN	RFDNP22	FL2	RFDN/CDMU_Therm-30_Isolator2_Mnt	RTN	CDMU	CDMUP095	52	Therm	IV	RED
TTC	DB92	P02	27	RFDN	RFDNP24	FL2	RFDN/CDMU_Therm-42_Diplexer2_Mnt	RTN	CDMU	CDMUP095	43	Therm	IV	RED
TTC	DB92	P02	29	THERM	N/A	FL2	THERM-098/CDMU_TCS_Line02_Th2_Mnt	RTN	CDMU	CDMUP111	50	Therm	IV	RED
TTC	DB92	P02	30	THERM	N/A	FL2	THERM-097/CDMU_TCS_Line01_Th2_Mnt	RTN	CDMU	CDMUP111	69	Therm	IV	RED
TTC	DB92	P02	34	XPND2	XPND2P08	14	XPND2/CDMU_Tx_Volt2_Mnt	RTN	CDMU	CDMUP091	58	An_Mnt	IV	RED
TTC	DB92	P02	35	XPND2	XPND2P08	16	XPND2/CDMU_Therm-27_Tx_Mnt	RTN	CDMU	CDMUP095	35	Therm	IV	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P02	36	XPND2	XPND2P08	18	XPND2/CDMU_Pout_Mnt	RTN	CDMU	CDMUP091	37	An_Mnt	IV	RED
TTC	DB92	P02	37	XPND2	XPND2P08	06	XPND2/CDMU_Rx2_AGC_Level_Mnt	RTN	CDMU	CDMUP091	35	An_Mnt	IV	RED
TTC	DB92	P02	38	XPND2	XPND2P08	06	XPND2/CDMU_Rx2_PLL_SPE_Mnt	RTN	CDMU	CDMUP091	16	An_Mnt	IV	RED
TTC	DB92	P02	40	XPND2	XPND2P08	13	XPND2/CDMU_Rx_Volt1_Mnt	ACT	CDMU	CDMUP091	78	An_Mnt	IV	RED
TTC	DB92	P02	41	XPND2	XPND2P08	11	XPND2/CDMU_Therm-28_Rx_Mnt	ACT	CDMU	CDMUP095	16	Therm	IV	RED
TTC	DB92	P02	60	XPND2	XPND2P08	25	XPND2/CDMU_Rx_Volt1_Mnt	RTN	CDMU	CDMUP091	77	An_Mnt	IV	RED
TTC	DB92	P02	61	XPND2	XPND2P08	23	XPND2/CDMU_Therm-28_Rx_Mnt	RTN	CDMU	CDMUP095	15	Therm	IV	RED

5.18.3 DB92 P03 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P03	1	THERM	N/A	FL1	THERM-145/CDMU_TCS_Line01_Th3_Mnt	ACT	CDMU	CDMUP121	70	Therm	IV	RED2
TTC	DB92	P03	2	THERM	N/A	FL1	THERM-146/CDMU_TCS_Line02_Th3_Mnt	ACT	CDMU	CDMUP121	51	Therm	IV	RED2
TTC	DB92	P03	21	THERM	N/A	FL2	THERM-145/CDMU_TCS_Line01_Th3_Mnt	RTN	CDMU	CDMUP121	69	Therm	IV	RED2
TTC	DB92	P03	22	THERM	N/A	FL2	THERM-146/CDMU_TCS_Line02_Th3_Mnt	RTN	CDMU	CDMUP121	50	Therm	IV	RED2

6 Planck Dismountability Bracket Connectors: Pin Allocation

6.1 DB01 – PWR Dismountability Bracket Connectors

6.1.1 DB01 P01 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P01	3	PCDU	PCDUP01	01	PCDU/CBPLM_Primary_Reflector-1_Htr_Nom_Pwr	ACT	CBPLM	01	PWR	I	NOM
PWR	DB01	P01	4	PCDU	PCDUP01	14	PCDU/CBPLM_Primary_Reflector-1_Htr_Nom_Pwr	RTN	CBPLM	09	PWR	I	NOM
PWR	DB01	P01	5	PCDU	PCDUP01	02	PCDU/HEATER_Htr_Line35_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P01	6	PCDU	PCDUP01	15	PCDU/HEATER_Htr_Line35_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P01	7	PCDU	PCDUP01	03	PCDU/HEATER_Htr_Line24_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P01	8	PCDU	PCDUP01	16	PCDU/HEATER_Htr_Line24_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P01	9	PCDU	PCDUP01	04	PCDU/HEATER_Htr_Line25_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P01	10	PCDU	PCDUP01	17	PCDU/HEATER_Htr_Line25_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P01	11	PCDU	PCDUP01	05	PCDU/HEATER_Htr_Line6_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P01	12	PCDU	PCDUP01	18	PCDU/HEATER_Htr_Line6_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P01	13	PCDU	PCDUP01	06	PCDU/HEATER_Htr_Line3_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P01	14	PCDU	PCDUP01	19	PCDU/HEATER_Htr_Line3_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P01	20	PCDU	PCDUP02	03	PCDU/PHDC_4KCDE_Nom_Pwr	ACT	PHDC	02	PWR	I	NOM
PWR	DB01	P01	21	PCDU	PCDUP02	22	PCDU/PHDC_4KCDE_Nom_Pwr	RTN	PHDC	09	PWR	I	NOM
PWR	DB01	P01	22	PCDU	PCDUP02	05	PCDU/CRS3_Pwr	ACT	CRS3	01	PWR	I	NOM
PWR	DB01	P01	23	PCDU	PCDUP02	24	PCDU/CRS3_Pwr	RTN	CRS3	03	PWR	I	NOM
PWR	DB01	P01	24	PCDU	PCDUP02	09	PCDU/XPND1_Tx_Pwr-1	ACT	XPND1	09	PWR	I	NOM
PWR	DB01	P01	25	PCDU	PCDUP02	28	PCDU/XPND1_Tx_Pwr-1	RTN	XPND1	01	PWR	I	NOM
PWR	DB01	P01	26	PCDU	PCDUP02	10	PCDU/XPND1_Tx_Pwr-2	ACT	XPND1	09	PWR	I	NOM
PWR	DB01	P01	27	PCDU	PCDUP02	29	PCDU/XPND1_Tx_Pwr-2	RTN	XPND1	01	PWR	I	NOM
PWR	DB01	P01	36	PCDU	PCDUP03	01	PCDU/CBPLM_Primary_Reflector-2_Htr_Nom_Pwr	ACT	CBPLM	02	PWR	I	NOM
PWR	DB01	P01	37	PCDU	PCDUP03	14	PCDU/CBPLM_Primary_Reflector-2_Htr_Nom_Pwr	RTN	CBPLM	10	PWR	I	NOM
PWR	DB01	P01	38	PCDU	PCDUP03	02	PCDU/HEATER_Htr_Line9_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P01	38	PCDU	PCDUP03	02	PCDU/HEATER_Htr_Line9_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	39	PCDU	PCDUP03	15	PCDU/HEATER_Htr_Line9_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	39	PCDU	PCDUP03	15	PCDU/HEATER_Htr_Line9_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	40	PCDU	PCDUP03	03	PCDU/HEATER_Htr_Line27_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	41	PCDU	PCDUP03	16	PCDU/HEATER_Htr_Line27_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	42	PCDU	PCDUP03	04	PCDU/HEATER_Htr_Line28_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	43	PCDU	PCDUP03	17	PCDU/HEATER_Htr_Line28_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	44	PCDU	PCDUP03	05	PCDU/HEATER_Htr_Line29_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	45	PCDU	PCDUP03	18	PCDU/HEATER_Htr_Line29_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	46	PCDU	PCDUP03	06	PCDU/HEATER_Htr_Line10_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	46	PCDU	PCDUP03	06	PCDU/HEATER_Htr_Line10_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	47	PCDU	PCDUP03	19	PCDU/HEATER_Htr_Line10_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	47	PCDU	PCDUP03	19	PCDU/HEATER_Htr_Line10_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	48	PCDU	PCDUP03	08	PCDU/HEATER_Htr_Line7_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	48	PCDU	PCDUP03	08	PCDU/HEATER_Htr_Line7_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P01	49	PCDU	PCDUP03	20	PCDU/HEATER_Htr_Line7_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P01	49	PCDU	PCDUP03	20	PCDU/HEATER_Htr_Line7_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM

6.1.2 DB01 P02 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P02	1	PCDU	PCDUP03	09	PCDU/HEATER_Htr_Line8_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	1	PCDU	PCDUP03	09	PCDU/HEATER_Htr_Line8_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	2	PCDU	PCDUP03	21	PCDU/HEATER_Htr_Line8_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	2	PCDU	PCDUP03	21	PCDU/HEATER_Htr_Line8_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	3	PCDU	PCDUP03	10	PCDU/HEATER_Htr_Line36_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	4	PCDU	PCDUP03	22	PCDU/HEATER_Htr_Line36_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	7	PCDU	PCDUP03	12	PCDU/HEATER_Htr_Line38_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM

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PWR	DB01	P02	8	PCDU	PCDUP03	24	PCDU/HEATER_Htr_Line38_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	9	PCDU	PCDUP03	13	PCDU/HEATER_Htr_Line14_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	10	PCDU	PCDUP03	25	PCDU/HEATER_Htr_Line14_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	13	PCDU	PCDUP08	11	PCDU/PHDJ_4KReg_Drive_Pwr1	ACT	PHDJ	01	PWR		NOM
PWR	DB01	P02	14	PCDU	PCDUP08	30	PCDU/PHDJ_4KReg_Drive_Pwr1	RTN	PHDJ	14	PWR		NOM
PWR	DB01	P02	15	PCDU	PCDUP08	12	PCDU/PHDJ_4KReg_Drive_Pwr2	ACT	PHDJ	02	PWR		NOM
PWR	DB01	P02	16	PCDU	PCDUP08	31	PCDU/PHDJ_4KReg_Drive_Pwr2	RTN	PHDJ	15	PWR		NOM
PWR	DB01	P02	17	PCDU	PCDUP08	13	PCDU/PHDJ_4KReg_Drive_Pwr3	ACT	PHDJ	03	PWR		NOM
PWR	DB01	P02	18	PCDU	PCDUP04	03	PCDU/FOG_Chan2_Pwr	ACT	FOG	01	PWR		NOM
PWR	DB01	P02	19	PCDU	PCDUP04	22	PCDU/FOG_Chan2_Pwr	RTN	FOG	09	PWR		NOM
PWR	DB01	P02	20	PCDU	PCDUP04	07	PCDU/CRS1_Pwr	ACT	CRS1	01	PWR		NOM
PWR	DB01	P02	21	PCDU	PCDUP04	26	PCDU/CRS1_Pwr	RTN	CRS1	03	PWR		NOM
PWR	DB01	P02	22	PCDU	PCDUP04	11	PCDU/EPC1_Pwr-1	ACT	EPC1	02	PWR		NOM
PWR	DB01	P02	23	PCDU	PCDUP04	30	PCDU/EPC1_Pwr-1	RTN	EPC1	05	PWR		NOM
PWR	DB01	P02	24	PCDU	PCDUP04	12	PCDU/EPC1_Pwr-2	ACT	EPC1	02	PWR		NOM
PWR	DB01	P02	25	PCDU	PCDUP04	31	PCDU/EPC1_Pwr-2	RTN	EPC1	04	PWR		NOM
PWR	DB01	P02	30	PCDU	PCDUP08	32	PCDU/PHDJ_4KReg_Drive_Pwr3	RTN	PHDJ	16	PWR		NOM
PWR	DB01	P02	33	PCDU	PCDUP08	14	PCDU/PHDJ_4KReg_Drive_Pwr4	ACT	PHDJ	04	PWR		NOM
PWR	DB01	P02	36	PCDU	PCDUP05	01	PCDU/CBPLM_Secondary_Reflector_Htr_Nom_Pwr	ACT	CBPLM	04	PWR		NOM
PWR	DB01	P02	37	PCDU	PCDUP05	14	PCDU/CBPLM_Secondary_Reflector_Htr_Nom_Pwr	RTN	CBPLM	12	PWR		NOM
PWR	DB01	P02	38	PCDU	PCDUP05	02	PCDU/HEATER_Htr_Line20_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	39	PCDU	PCDUP05	15	PCDU/HEATER_Htr_Line20_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	40	PCDU	PCDUP05	03	PCDU/HEATER_Htr_Line39_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	41	PCDU	PCDUP05	16	PCDU/HEATER_Htr_Line39_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	42	PCDU	PCDUP05	04	PCDU/HEATER_Htr_Line40_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	43	PCDU	PCDUP05	17	PCDU/HEATER_Htr_Line40_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	44	PCDU	PCDUP05	05	PCDU/HEATER_Htr_Line41_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	45	PCDU	PCDUP05	18	PCDU/HEATER_Htr_Line41_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	46	PCDU	PCDUP05	06	PCDU/HEATER_Htr_Line19_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P02	47	PCDU	PCDUP05	19	PCDU/HEATER_Htr_Line19_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	48	PCDU	PCDUP05	08	PCDU/HEATER_Htr_Line42_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P02	49	PCDU	PCDUP05	20	PCDU/HEATER_Htr_Line42_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P02	50	PCDU	PCDUP08	33	PCDU/PHDJ_4KReg_Drive_Pwr4	RTN	PHDJ	17	PWR		NOM

6.1.3 DB01 P03 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P03	1	PCDU	PCDUP05	09	PCDU/HEATER_Htr_Line43_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	2	PCDU	PCDUP05	21	PCDU/HEATER_Htr_Line43_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	3	PCDU	PCDUP05	10	PCDU/HEATER_Htr_Line13_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	3	PCDU	PCDUP05	10	PCDU/HEATER_Htr_Line13_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	4	PCDU	PCDUP05	22	PCDU/HEATER_Htr_Line13_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	4	PCDU	PCDUP05	22	PCDU/HEATER_Htr_Line13_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	5	PCDU	PCDUP05	23	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	5	PCDU	PCDUP05	23	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	5	PCDU	PCDUP05	23	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	6	PCDU	PCDUP05	11	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	6	PCDU	PCDUP05	11	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	6	PCDU	PCDUP05	11	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	7	PCDU	PCDUP05	12	PCDU/HEATER_Htr_Line1_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	8	PCDU	PCDUP05	24	PCDU/HEATER_Htr_Line1_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	9	PCDU	PCDUP05	13	PCDU/HEATER_Htr_Line2_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	10	PCDU	PCDUP05	25	PCDU/HEATER_Htr_Line2_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	15	PCDU	PCDUP06	03	PCDU/PHBAN_REU_Belts10&11_Pwr	ACT	PHBAN	01	PWR		NOM
PWR	DB01	P03	16	PCDU	PCDUP06	22	PCDU/PHBAN_REU_Belts10&11_Pwr	RTN	PHBAN	09	PWR		NOM
PWR	DB01	P03	17	PCDU	PCDUP06	05	PCDU/SREM_Pwr	ACT	SREM	08	PWR		NOM
PWR	DB01	P03	18	PCDU	PCDUP06	24	PCDU/SREM_Pwr	RTN	SREM	07	PWR		NOM

Herschel – Planck Dismountability Bracket Connector list (SVM Harnesses)

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P03	21	PCDU	PCDUP06	07	PCDU/PHCBC_Reu_Nom_Pwr	ACT	PHCBC	02	PWR		NOM
PWR	DB01	P03	22	PCDU	PCDUP06	26	PCDU/PHCBC_Reu_Nom_Pwr	RTN	PHCBC	04	PWR		NOM
PWR	DB01	P03	23	PCDU	PCDUP06	11	PCDU/PHBA_N_DPU_Nom_Pwr	ACT	PHBAN	02	PWR		NOM
PWR	DB01	P03	24	PCDU	PCDUP06	30	PCDU/PHBA_N_DPU_Nom_Pwr	RTN	PHBAN	04	PWR		NOM
PWR	DB01	P03	31	PCDU	PCDUP07	01	PCDU/CBPLM_FPU-1_Htr_Nom_Pwr	ACT	CBPLM	06	PWR		NOM
PWR	DB01	P03	32	PCDU	PCDUP07	14	PCDU/CBPLM_FPU-1_Htr_Nom_Pwr	RTN	CBPLM	14	PWR		NOM
PWR	DB01	P03	33	PCDU	PCDUP07	02	PCDU/HEATER_Htr_Line11_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	33	PCDU	PCDUP07	02	PCDU/HEATER_Htr_Line11_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	34	PCDU	PCDUP07	15	PCDU/HEATER_Htr_Line11_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	34	PCDU	PCDUP07	15	PCDU/HEATER_Htr_Line11_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	35	PCDU	PCDUP07	03	PCDU/HEATER_Htr_Line4_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	36	PCDU	PCDUP07	16	PCDU/HEATER_Htr_Line4_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	37	PCDU	PCDUP07	04	PCDU/HEATER_Htr_Line44_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	38	PCDU	PCDUP07	17	PCDU/HEATER_Htr_Line44_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	39	PCDU	PCDUP07	05	PCDU/HEATER_Htr_Line45_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	40	PCDU	PCDUP07	18	PCDU/HEATER_Htr_Line45_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	41	PCDU	PCDUP07	06	PCDU/HEATER_Htr_Line26_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	42	PCDU	PCDUP07	19	PCDU/HEATER_Htr_Line26_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	43	PCDU	PCDUP07	08	PCDU/HEATER_Htr_Line17_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	44	PCDU	PCDUP07	20	PCDU/HEATER_Htr_Line17_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	45	PCDU	PCDUP07	09	PCDU/HEATER_Htr_Line18_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	46	PCDU	PCDUP07	21	PCDU/HEATER_Htr_Line18_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	47	PCDU	PCDUP07	10	PCDU/HEATER_Htr_Line32_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	48	PCDU	PCDUP07	22	PCDU/HEATER_Htr_Line32_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P03	49	PCDU	PCDUP07	11	PCDU/HEATER_Htr_Line33_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P03	50	PCDU	PCDUP07	23	PCDU/HEATER_Htr_Line33_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM

6.1.4 DB01 P04 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P04	1	PCDU	PCDUP07	12	PCDU/HEATER_Htr_Line34_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P04	2	PCDU	PCDUP07	24	PCDU/HEATER_Htr_Line34_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P04	3	PCDU	PCDUP07	13	PCDU/HEATER_Htr_Line46_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P04	4	PCDU	PCDUP07	25	PCDU/HEATER_Htr_Line46_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P04	5	PCDU	PCDUP08	05	PCDU/PHBAN_REU_Belts6&7_Pwr	ACT	PHBAN	05	PWR		NOM
PWR	DB01	P04	6	PCDU	PCDUP08	24	PCDU/PHBAN_REU_Belts6&7_Pwr	RTN	PHBAN	13	PWR		NOM
PWR	DB01	P04	9	PCDU	PCDUP08	07	PCDU/PLAEF_DAE_Nom_Pwr	ACT	PLAEF	2	PWR		NOM
PWR	DB01	P04	9	PCDU	PCDUP08	07	PCDU/PLAEF_DAE_Nom_Pwr	ACT	PLAEF	2	PWR		NOM
PWR	DB01	P04	10	PCDU	PCDUP08	26	PCDU/PLAEF_DAE_Nom_Pwr	RTN	PLAEF	6	PWR		NOM
PWR	DB01	P04	10	PCDU	PCDUP08	26	PCDU/PLAEF_DAE_Nom_Pwr	RTN	PLAEF	6	PWR		NOM
PWR	DB01	P04	13	PCDU	PCDUP30	10	PCDU/PSM4_SC_Electronics_Nom_Pwr	ACT	PSM4	7	PWR		NOM
PWR	DB01	P04	14	PCDU	PCDUP30	29	PCDU/PSM4_SC_Electronics_Nom_Pwr	RTN	PSM4	3	PWR		NOM
PWR	DB01	P04	15	PCDU	PCDUP10	08	PCDU/PSM4_SC_Compressor_Nom1_Pwr	ACT	PSM4	A	PWR		NOM
PWR	DB01	P04	16	PCDU	PCDUP10	27	PCDU/PSM4_SC_Compressor_Nom1_Pwr	RTN	PSM4	D	PWR		NOM
PWR	DB01	P04	17	PCDU	PCDUP10	10	PCDU/PSM4_SC_Compressor_Nom2_Pwr	ACT	PSM4	B	PWR		NOM
PWR	DB01	P04	18	PCDU	PCDUP10	29	PCDU/PSM4_SC_Compressor_Nom2_Pwr	RTN	PSM4	F	PWR		NOM
PWR	DB01	P04	21	PCDU	PCDUP09	01	PCDU/CBPLM_FPU-2_Htr_Nom_Pwr	ACT	CBPLM	07	PWR		NOM
PWR	DB01	P04	22	PCDU	PCDUP09	14	PCDU/CBPLM_FPU-2_Htr_Nom_Pwr	RTN	CBPLM	15	PWR		NOM
PWR	DB01	P04	23	PCDU	PCDUP09	02	PCDU/HEATER_Htr_Line47_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P04	24	PCDU	PCDUP09	15	PCDU/HEATER_Htr_Line47_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P04	25	PCDU	PCDUP09	03	PCDU/HEATER_Htr_Line21_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P04	26	PCDU	PCDUP09	16	PCDU/HEATER_Htr_Line21_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P04	27	PCDU	PCDUP09	04	PCDU/HEATER_Htr_Line22_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P04	28	PCDU	PCDUP09	17	PCDU/HEATER_Htr_Line22_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P04	29	PCDU	PCDUP09	05	PCDU/HEATER_Htr_Line23_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM
PWR	DB01	P04	30	PCDU	PCDUP09	18	PCDU/HEATER_Htr_Line23_Nom_Pwr	RTN	HEATER	FL2	PWR		NOM
PWR	DB01	P04	31	PCDU	PCDUP09	06	PCDU/HEATER_Htr_Line5_Nom_Pwr	ACT	HEATER	FL1	PWR		NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P04	32	PCDU	PCDUP09	19	PCDU/HEATER_Htr_Line5_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P04	35	PCDU	PCDUP09	08	PCDU/HEATER_Htr_Line15_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P04	36	PCDU	PCDUP09	20	PCDU/HEATER_Htr_Line15_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P04	37	PCDU	PCDUP09	09	PCDU/HEATER_Htr_Line16_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P04	38	PCDU	PCDUP09	21	PCDU/HEATER_Htr_Line16_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P04	39	PCDU	PCDUP09	10	PCDU/HEATER_Htr_Line48_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P04	40	PCDU	PCDUP09	22	PCDU/HEATER_Htr_Line48_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P04	41	PCDU	PCDUP09	11	PCDU/HEATER_Htr_Line49_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P04	42	PCDU	PCDUP09	23	PCDU/HEATER_Htr_Line49_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P04	43	PCDU	PCDUP09	12	PCDU/HEATER_Htr_Line30_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P04	44	PCDU	PCDUP09	24	PCDU/HEATER_Htr_Line30_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P04	45	PCDU	PCDUP09	13	PCDU/HEATER_Htr_Line31_Nom_Pwr	ACT	HEATER	FL1	PWR	I	NOM
PWR	DB01	P04	46	PCDU	PCDUP09	25	PCDU/HEATER_Htr_Line31_Nom_Pwr	RTN	HEATER	FL2	PWR	I	NOM
PWR	DB01	P04	47	PCDU	PCDUP10	12	PCDU/PSM4_SC_Compressor_Nom3_Pwr	ACT	PSM4	C	PWR	I	NOM
PWR	DB01	P04	48	PCDU	PCDUP10	31	PCDU/PSM4_SC_Compressor_Nom3_Pwr	RTN	PSM4	G	PWR	I	NOM
PWR	DB01	P04	49	PCDU	PCDUP10	14	PCDU/PSM4_SC_Compressor_Nom4_Pwr	ACT	PSM4	E	PWR	I	NOM
PWR	DB01	P04	50	PCDU	PCDUP10	33	PCDU/PSM4_SC_Compressor_Nom4_Pwr	RTN	PSM4	H	PWR	I	NOM

6.1.5 DB01 P05 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P05	7	PCDU	PCDUP10	07	PCDU/PSM4_SC_Compressor_Nom1_Pwr	ACT	PSM4	A	PWR	I	NOM
PWR	DB01	P05	8	PCDU	PCDUP10	26	PCDU/PSM4_SC_Compressor_Nom1_Pwr	RTN	PSM4	D	PWR	I	NOM
PWR	DB01	P05	11	PCDU	PCDUP10	09	PCDU/PSM4_SC_Compressor_Nom2_Pwr	ACT	PSM4	B	PWR	I	NOM
PWR	DB01	P05	12	PCDU	PCDUP10	28	PCDU/PSM4_SC_Compressor_Nom2_Pwr	RTN	PSM4	F	PWR	I	NOM
PWR	DB01	P05	15	PCDU	PCDUP10	11	PCDU/PSM4_SC_Compressor_Nom3_Pwr	ACT	PSM4	C	PWR	I	NOM
PWR	DB01	P05	16	PCDU	PCDUP10	30	PCDU/PSM4_SC_Compressor_Nom3_Pwr	RTN	PSM4	G	PWR	I	NOM
PWR	DB01	P05	19	PCDU	PCDUP10	13	PCDU/PSM4_SC_Compressor_Nom4_Pwr	ACT	PSM4	E	PWR	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P05	20	PCDU	PCDUP10	32	PCDU/PSM4_SC_Compressor_Nom4_Pwr	RTN	PSM4	H	PWR		NOM
PWR	DB01	P05	25	PCDU	PCDUP14	01	PU1/PCDU_+28V_Aux_IN-1_Pwr	ACT	PU1	29	PWR		NOM
PWR	DB01	P05	26	PCDU	PCDUP14	14	PU1/PCDU_+28V_Aux_IN-1_Pwr	RTN	PU1	49	PWR		NOM
PWR	DB01	P05	31	PCDU	PCDUP15	01	PU1/PCDU_+28V_Aux_IN-2_Pwr	ACT	PU1	50	PWR		NOM
PWR	DB01	P05	32	PCDU	PCDUP15	14	PU1/PCDU_+28V_Aux_IN-2_Pwr	RTN	PU1	30	PWR		NOM
PWR	DB01	P05	37	PCDU	PCDUP18	01	PU1/PCDU_+28V_Aux_IN-3_Pwr	ACT	PU1	28	PWR		NOM
PWR	DB01	P05	38	PCDU	PCDUP18	14	PU1/PCDU_+28V_Aux_IN-3_Pwr	RTN	PU1	51	PWR		NOM
PWR	DB01	P05	41	PCDU	PCDUP28	03	PCDU/PHEC_Pwr	ACT	PHEC	02	PWR		NOM
PWR	DB01	P05	42	PCDU	PCDUP28	22	PCDU/PHEC_Pwr	RTN	PHEC	06	PWR		NOM
PWR	DB01	P05	43	PCDU	PCDUP30	01	PCDU/XPND1_Rx_Pwr-1	ACT	XPND1	15	PWR		NOM
PWR	DB01	P05	44	PCDU	PCDUP30	20	PCDU/XPND1_Rx_Pwr-1	RTN	XPND1	08	PWR		NOM
PWR	DB01	P05	45	PCDU	PCDUP30	02	PCDU/XPND1_Rx_Pwr-2	ACT	XPND1	15	PWR		NOM
PWR	DB01	P05	46	PCDU	PCDUP30	21	PCDU/XPND1_Rx_Pwr-2	RTN	XPND1	08	PWR		NOM

6.1.6 DB01 P06– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P06	3	PCDU	PCDUP30	09	PCDU/PSM4_SC_Electronics_Nom_Pwr	ACT	PSM4	2	PWR		NOM
PWR	DB01	P06	4	PCDU	PCDUP30	28	PCDU/PSM4_SC_Electronics_Nom_Pwr	RTN	PSM4	6	PWR		NOM
PWR	DB01	P06	9	PCDU	PCDUP32	03	PCDU/PHBAN_REU_Belts8&9_Pwr	ACT	PHBAN	03	PWR		NOM
PWR	DB01	P06	10	PCDU	PCDUP32	22	PCDU/PHBAN_REU_Belts8&9_Pwr	RTN	PHBAN	11	PWR		NOM
PWR	DB01	P06	15	PCDU	PCDUP32	09	PCDU/PLREN_Reba_Nom_Pwr	ACT	PLREN	2	PWR		NOM
PWR	DB01	P06	16	PCDU	PCDUP32	28	PCDU/PLREN_Reba_Nom_Pwr	RTN	PLREN	4	PWR		NOM
PWR	DB01	P06	23	PCDU	PCDUP34	03	PCDU/FOG_Chan1_Pwr	ACT	FOG	01	PWR		NOM
PWR	DB01	P06	24	PCDU	PCDUP34	22	PCDU/FOG_Chan1_Pwr	RTN	FOG	09	PWR		NOM
PWR	DB01	P06	27	PCDU	PCDUP36	07	PCDU/STR1_Pwr	ACT	STR1	03	PWR		NOM
PWR	DB01	P06	28	PCDU	PCDUP36	26	PCDU/STR1_Pwr	RTN	STR1	01	PWR		NOM
PWR	DB01	P06	29	SK02	SK02J07	03	EGSE/PT_Sensor_Pwr	ACT	PT	A	PT_Pwr		NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P06	30	SK02	SK02J07	04	EGSE/PT_Sensor_Pwr	RTN	PT	B	PT_Pwr	I	NOM
PWR	DB01	P06	32	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N09	Black	PWR	I	NOM
PWR	DB01	P06	33	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N04	Black	PWR	I	NOM
PWR	DB01	P06	36	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N10	Black	PWR	I	NOM
PWR	DB01	P06	37	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N12	Black	PWR	I	NOM
PWR	DB01	P06	38	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N12	Black	PWR	I	NOM
PWR	DB01	P06	39	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N03	Black	PWR	I	NOM
PWR	DB01	P06	41	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N11	Black	PWR	I	NOM
PWR	DB01	P06	42	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N11	Black	PWR	I	NOM
PWR	DB01	P06	43	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N02	Black	PWR	I	NOM
PWR	DB01	P06	44	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N08	Black	PWR	I	NOM
PWR	DB01	P06	45	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N01	Black	PWR	I	NOM
PWR	DB01	P06	46	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N07	Black	PWR	I	NOM
PWR	DB01	P06	47	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N06	Black	PWR	I	NOM
PWR	DB01	P06	48	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N06	Black	PWR	I	NOM
PWR	DB01	P06	49	SK02	SK02J12	41	EGSE/THR_20N01-12_Htr_Nom_Pwr	ACT	THR_20N05	Black	PWR	I	NOM
PWR	DB01	P06	50	SK02	SK02J12	42	EGSE/THR_20N01-12_Htr_Nom_Pwr	RTN	THR_20N05	Black	PWR	I	NOM

6.1.7 DB01 P07 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P07	3	PCDU	PCDUP30	11	PCDU/PHDJ_4KReg_Drive_Pwr5	ACT	PHDJ	05	PWR	I	RED
PWR	DB01	P07	4	PCDU	PCDUP30	30	PCDU/PHDJ_4KReg_Drive_Pwr5	RTN	PHDJ	18	PWR	I	RED
PWR	DB01	P07	5	PCDU	PCDUP02	07	PCDU/STR2_Pwr	ACT	STR2	03	PWR	I	RED
PWR	DB01	P07	6	PCDU	PCDUP02	26	PCDU/STR2_Pwr	RTN	STR2	01	PWR	I	RED
PWR	DB01	P07	7	PCDU	PCDUP30	12	PCDU/PHDJ_4KReg_Drive_Pwr6	ACT	PHDJ	06	PWR	I	RED
PWR	DB01	P07	8	PCDU	PCDUP30	31	PCDU/PHDJ_4KReg_Drive_Pwr6	RTN	PHDJ	19	PWR	I	RED
PWR	DB01	P07	13	PCDU	PCDUP08	10	PCDU/PSR4_SC_Electronics_Red_Pwr	ACT	PSR4	7	PWR	I	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P07	14	PCDU	PCDUP08	29	PCDU/PSR4_SC_Electronics_Red_Pwr	RTN	PSR4	3	PWR		RED
PWR	DB01	P07	17	PCDU	PCDUP30	13	PCDU/PHDJ_4KReg_Drive_Pwr7	ACT	PHDJ	07	PWR		RED
PWR	DB01	P07	18	PCDU	PCDUP30	32	PCDU/PHDJ_4KReg_Drive_Pwr7	RTN	PHDJ	20	PWR		RED
PWR	DB01	P07	21	PCDU	PCDUP30	14	PCDU/PHDJ_4KReg_Drive_Pwr8	ACT	PHDJ	08	PWR		RED
PWR	DB01	P07	22	PCDU	PCDUP30	33	PCDU/PHDJ_4KReg_Drive_Pwr8	RTN	PHDJ	21	PWR		RED
PWR	DB01	P07	25	PCDU	PCDUP06	09	PCDU/PLRER_Reba_Red_Pwr	ACT	PLRER	2	PWR		RED
PWR	DB01	P07	26	PCDU	PCDUP06	28	PCDU/PLRER_Reba_Red_Pwr	RTN	PLRER	4	PWR		RED
PWR	DB01	P07	35	PCDU	PCDUP08	01	PCDU/XPND2_Rx_Pwr-1	ACT	XPND2	15	PWR		RED
PWR	DB01	P07	36	PCDU	PCDUP08	20	PCDU/XPND2_Rx_Pwr-1	RTN	XPND2	08	PWR		RED
PWR	DB01	P07	37	PCDU	PCDUP08	02	PCDU/XPND2_Rx_Pwr-2	ACT	XPND2	15	PWR		RED
PWR	DB01	P07	38	PCDU	PCDUP08	21	PCDU/XPND2_Rx_Pwr-2	RTN	XPND2	08	PWR		RED
PWR	DB01	P07	39	PCDU	PCDUP08	03	PCDU/PHBAR_REU_Belts0&1_Pwr	ACT	PHBAR	05	PWR		RED
PWR	DB01	P07	40	PCDU	PCDUP08	22	PCDU/PHBAR_REU_Belts0&1_Pwr	RTN	PHBAR	13	PWR		RED
PWR	DB01	P07	47	PCDU	PCDUP08	09	PCDU/PSR4_SC_Electronics_Red_Pwr	ACT	PSR4	2	PWR		RED
PWR	DB01	P07	48	PCDU	PCDUP08	28	PCDU/PSR4_SC_Electronics_Red_Pwr	RTN	PSR4	6	PWR		RED

6.1.8 DB01 P08 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P08	3	PCDU	PCDUP28	08	PCDU/PSR4_SC_Compressor_Red1_Pwr	ACT	PSR4	A	PWR		RED
PWR	DB01	P08	4	PCDU	PCDUP28	27	PCDU/PSR4_SC_Compressor_Red1_Pwr	RTN	PSR4	D	PWR		RED
PWR	DB01	P08	5	PCDU	PCDUP10	03	PCDU/FOG_Chan4_Pwr	ACT	FOG	01	PWR		RED
PWR	DB01	P08	6	PCDU	PCDUP10	22	PCDU/FOG_Chan4_Pwr	RTN	FOG	09	PWR		RED
PWR	DB01	P08	9	PCDU	PCDUP28	10	PCDU/PSR4_SC_Compressor_Red2_Pwr	ACT	PSR4	B	PWR		RED
PWR	DB01	P08	10	PCDU	PCDUP28	29	PCDU/PSR4_SC_Compressor_Red2_Pwr	RTN	PSR4	F	PWR		RED
PWR	DB01	P08	13	PCDU	PCDUP19	01	PU2/PCDU_+28V_Aux_IN-4_Pwr	ACT	PU2	29	PWR		RED
PWR	DB01	P08	14	PCDU	PCDUP19	14	PU2/PCDU_+28V_Aux_IN-4_Pwr	RTN	PU2	49	PWR		RED
PWR	DB01	P08	15	PCDU	PCDUP28	12	PCDU/PSR4_SC_Compressor_Red3_Pwr	ACT	PSR4	C	PWR		RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P08	16	PCDU	PCDUP28	31	PCDU/PSR4_SC_Compressor_Red3_Pwr	RTN	PSR4	G	PWR		RED
PWR	DB01	P08	19	PCDU	PCDUP22	01	PU2/PCDU_+28V_Aux_IN-5_Pwr	ACT	PU2	50	PWR		RED
PWR	DB01	P08	20	PCDU	PCDUP22	14	PU2/PCDU_+28V_Aux_IN-5_Pwr	RTN	PU2	30	PWR		RED
PWR	DB01	P08	21	PCDU	PCDUP28	14	PCDU/PSR4_SC_Compressor_Red4_Pwr	ACT	PSR4	E	PWR		RED
PWR	DB01	P08	22	PCDU	PCDUP28	33	PCDU/PSR4_SC_Compressor_Red4_Pwr	RTN	PSR4	H	PWR		RED
PWR	DB01	P08	25	PCDU	PCDUP23	01	PU2/PCDU_+28V_Aux_IN-6_Pwr	ACT	PU2	28	PWR		RED
PWR	DB01	P08	26	PCDU	PCDUP23	14	PU2/PCDU_+28V_Aux_IN-6_Pwr	RTN	PU2	51	PWR		RED
PWR	DB01	P08	31	PCDU	PCDUP27	01	PCDU/HEATER_Htr_Line15_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	32	PCDU	PCDUP27	14	PCDU/HEATER_Htr_Line15_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P08	33	PCDU	PCDUP27	02	PCDU/HEATER_Htr_Line16_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	34	PCDU	PCDUP27	15	PCDU/HEATER_Htr_Line16_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P08	35	PCDU	PCDUP27	03	PCDU/HEATER_Htr_Line48_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	36	PCDU	PCDUP27	16	PCDU/HEATER_Htr_Line48_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P08	37	PCDU	PCDUP27	04	PCDU/HEATER_Htr_Line49_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	38	PCDU	PCDUP27	17	PCDU/HEATER_Htr_Line49_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P08	39	PCDU	PCDUP27	05	PCDU/HEATER_Htr_Line30_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	40	PCDU	PCDUP27	18	PCDU/HEATER_Htr_Line30_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P08	41	PCDU	PCDUP27	06	PCDU/HEATER_Htr_Line31_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	42	PCDU	PCDUP27	19	PCDU/HEATER_Htr_Line31_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P08	45	PCDU	PCDUP27	08	PCDU/CBPLM_FPU-2_Htr_Red_Pwr	ACT	CBPLM	07	PWR		RED
PWR	DB01	P08	46	PCDU	PCDUP27	20	PCDU/CBPLM_FPU-2_Htr_Red_Pwr	RTN	CBPLM	15	PWR		RED
PWR	DB01	P08	47	PCDU	PCDUP27	09	PCDU/HEATER_Htr_Line47_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	48	PCDU	PCDUP27	21	PCDU/HEATER_Htr_Line47_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P08	49	PCDU	PCDUP27	10	PCDU/HEATER_Htr_Line21_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P08	50	PCDU	PCDUP27	22	PCDU/HEATER_Htr_Line21_Red_Pwr	RTN	HEATER	FL2	PWR		RED

6.1.9 DB01 P09 – PWR Dismountability Bracket Connector

Herschel – Planck Dismountability Bracket Connector list (SVM Harnesses)

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P09	1	PCDU	PCDUP27	11	PCDU/HEATER_Htr_Line22_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	2	PCDU	PCDUP27	23	PCDU/HEATER_Htr_Line22_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	3	PCDU	PCDUP27	12	PCDU/HEATER_Htr_Line23_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	4	PCDU	PCDUP27	24	PCDU/HEATER_Htr_Line23_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	5	PCDU	PCDUP27	13	PCDU/HEATER_Htr_Line5_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	6	PCDU	PCDUP27	25	PCDU/HEATER_Htr_Line5_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	13	PCDU	PCDUP28	07	PCDU/PSR4_SC_Compressor_Red1_Pwr	ACT	PSR4	A	PWR		RED
PWR	DB01	P09	14	PCDU	PCDUP28	26	PCDU/PSR4_SC_Compressor_Red1_Pwr	RTN	PSR4	D	PWR		RED
PWR	DB01	P09	17	PCDU	PCDUP28	09	PCDU/PSR4_SC_Compressor_Red2_Pwr	ACT	PSR4	B	PWR		RED
PWR	DB01	P09	18	PCDU	PCDUP28	28	PCDU/PSR4_SC_Compressor_Red2_Pwr	RTN	PSR4	F	PWR		RED
PWR	DB01	P09	21	PCDU	PCDUP28	11	PCDU/PSR4_SC_Compressor_Red3_Pwr	ACT	PSR4	C	PWR		RED
PWR	DB01	P09	22	PCDU	PCDUP28	30	PCDU/PSR4_SC_Compressor_Red3_Pwr	RTN	PSR4	G	PWR		RED
PWR	DB01	P09	25	PCDU	PCDUP28	13	PCDU/PSR4_SC_Compressor_Red4_Pwr	ACT	PSR4	E	PWR		RED
PWR	DB01	P09	26	PCDU	PCDUP28	32	PCDU/PSR4_SC_Compressor_Red4_Pwr	RTN	PSR4	H	PWR		RED
PWR	DB01	P09	27	PCDU	PCDUP29	01	PCDU/HEATER_Htr_Line17_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	28	PCDU	PCDUP29	14	PCDU/HEATER_Htr_Line17_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	29	PCDU	PCDUP29	02	PCDU/HEATER_Htr_Line18_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	30	PCDU	PCDUP29	15	PCDU/HEATER_Htr_Line18_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	31	PCDU	PCDUP29	03	PCDU/HEATER_Htr_Line32_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	32	PCDU	PCDUP29	16	PCDU/HEATER_Htr_Line32_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	33	PCDU	PCDUP29	04	PCDU/HEATER_Htr_Line33_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	34	PCDU	PCDUP29	17	PCDU/HEATER_Htr_Line33_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	35	PCDU	PCDUP29	05	PCDU/HEATER_Htr_Line34_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	36	PCDU	PCDUP29	18	PCDU/HEATER_Htr_Line34_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	37	PCDU	PCDUP29	06	PCDU/HEATER_Htr_Line46_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	38	PCDU	PCDUP29	19	PCDU/HEATER_Htr_Line46_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	39	PCDU	PCDUP29	08	PCDU/CBPLM_FPU-1_Htr_Red_Pwr	ACT	CBPLM	06	PWR		RED
PWR	DB01	P09	40	PCDU	PCDUP29	20	PCDU/CBPLM_FPU-1_Htr_Red_Pwr	RTN	CBPLM	14	PWR		RED
PWR	DB01	P09	41	PCDU	PCDUP29	09	PCDU/HEATER_Htr_Line11_Red_Pwr	ACT	HEATER	FL1	PWR		RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P09	41	PCDU	PCDUP29	09	PCDU/HEATER_Htr_Line11_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	42	PCDU	PCDUP29	21	PCDU/HEATER_Htr_Line11_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	42	PCDU	PCDUP29	21	PCDU/HEATER_Htr_Line11_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	43	PCDU	PCDUP29	10	PCDU/HEATER_Htr_Line4_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	44	PCDU	PCDUP29	22	PCDU/HEATER_Htr_Line4_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	45	PCDU	PCDUP29	11	PCDU/HEATER_Htr_Line44_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	46	PCDU	PCDUP29	23	PCDU/HEATER_Htr_Line44_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	47	PCDU	PCDUP29	12	PCDU/HEATER_Htr_Line45_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	48	PCDU	PCDUP29	24	PCDU/HEATER_Htr_Line45_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P09	49	PCDU	PCDUP29	13	PCDU/HEATER_Htr_Line26_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P09	50	PCDU	PCDUP29	25	PCDU/HEATER_Htr_Line26_Red_Pwr	RTN	HEATER	FL2	PWR		RED

6.1.10 DB01 P10 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P10	1	PCDU	PCDUP30	03	PCDU/PHBAR_REU_Belts2&3_Pwr	ACT	PHBAR	03	PWR		RED
PWR	DB01	P10	2	PCDU	PCDUP30	22	PCDU/PHBAR_REU_Belts2&3_Pwr	RTN	PHBAR	11	PWR		RED
PWR	DB01	P10	3	PCDU	PCDUP30	05	PCDU/PHBAR_REU_Belts4&5_Pwr	ACT	PHBAR	01	PWR		RED
PWR	DB01	P10	4	PCDU	PCDUP30	24	PCDU/PHBAR_REU_Belts4&5_Pwr	RTN	PHBAR	09	PWR		RED
PWR	DB01	P10	7	PCDU	PCDUP30	07	PCDU/PLAEF_DAE_Red_Pwr	ACT	PLAEF	2	PWR		RED
PWR	DB01	P10	7	PCDU	PCDUP30	07	PCDU/PLAEF_DAE_Red_Pwr	ACT	PLAEF	2	PWR		RED
PWR	DB01	P10	8	PCDU	PCDUP30	26	PCDU/PLAEF_DAE_Red_Pwr	RTN	PLAEF	6	PWR		RED
PWR	DB01	P10	8	PCDU	PCDUP30	26	PCDU/PLAEF_DAE_Red_Pwr	RTN	PLAEF	6	PWR		RED
PWR	DB01	P10	15	PCDU	PCDUP31	01	PCDU/HEATER_Htr_Line42_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	16	PCDU	PCDUP31	14	PCDU/HEATER_Htr_Line42_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	17	PCDU	PCDUP31	02	PCDU/HEATER_Htr_Line43_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	18	PCDU	PCDUP31	15	PCDU/HEATER_Htr_Line43_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	19	PCDU	PCDUP31	03	PCDU/HEATER_Htr_Line13_Red_Pwr	ACT	HEATER	FL1	PWR		RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P10	19	PCDU	PCDUP31	03	PCDU/HEATER_Htr_Line13_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	20	PCDU	PCDUP31	16	PCDU/HEATER_Htr_Line13_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	20	PCDU	PCDUP31	16	PCDU/HEATER_Htr_Line13_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	21	PCDU	PCDUP31	04	PCDU/HEATER_Htr_Line12_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	21	PCDU	PCDUP31	04	PCDU/HEATER_Htr_Line12_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	22	PCDU	PCDUP31	17	PCDU/HEATER_Htr_Line12_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	22	PCDU	PCDUP31	17	PCDU/HEATER_Htr_Line12_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	23	PCDU	PCDUP31	05	PCDU/HEATER_Htr_Line1_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	24	PCDU	PCDUP31	18	PCDU/HEATER_Htr_Line1_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	25	PCDU	PCDUP31	06	PCDU/HEATER_Htr_Line2_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	26	PCDU	PCDUP31	19	PCDU/HEATER_Htr_Line2_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	29	PCDU	PCDUP31	08	PCDU/CBPLM_Secondary_Reflector_Htr_Red_Pwr	ACT	CBPLM	04	PWR		RED
PWR	DB01	P10	30	PCDU	PCDUP31	20	PCDU/CBPLM_Secondary_Reflector_Htr_Red_Pwr	RTN	CBPLM	12	PWR		RED
PWR	DB01	P10	31	PCDU	PCDUP31	09	PCDU/HEATER_Htr_Line20_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	32	PCDU	PCDUP31	21	PCDU/HEATER_Htr_Line20_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	33	PCDU	PCDUP31	10	PCDU/HEATER_Htr_Line39_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	34	PCDU	PCDUP31	22	PCDU/HEATER_Htr_Line39_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	35	PCDU	PCDUP31	11	PCDU/HEATER_Htr_Line40_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	36	PCDU	PCDUP31	23	PCDU/HEATER_Htr_Line40_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	37	PCDU	PCDUP31	12	PCDU/HEATER_Htr_Line41_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	38	PCDU	PCDUP31	24	PCDU/HEATER_Htr_Line41_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	39	PCDU	PCDUP31	13	PCDU/HEATER_Htr_Line19_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P10	40	PCDU	PCDUP31	25	PCDU/HEATER_Htr_Line19_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P10	45	PCDU	PCDUP32	07	PCDU/PHCBC_Reu_Red_Pwr	ACT	PHCBC	02	PWR		RED
PWR	DB01	P10	46	PCDU	PCDUP32	26	PCDU/PHCBC_Reu_Red_Pwr	RTN	PHCBC	04	PWR		RED
PWR	DB01	P10	47	PCDU	PCDUP32	11	PCDU/PHBA_R_DPU_Red_Pwr	ACT	PHBAR	02	PWR		RED
PWR	DB01	P10	48	PCDU	PCDUP32	30	PCDU/PHBA_R_DPU_Red_Pwr	RTN	PHBAR	04	PWR		RED

6.1.11 DB01 P11 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P11	1	PCDU	PCDUP33	01	PCDU/HEATER_Htr_Line7_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	1	PCDU	PCDUP33	01	PCDU/HEATER_Htr_Line7_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	2	PCDU	PCDUP33	14	PCDU/HEATER_Htr_Line7_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	2	PCDU	PCDUP33	14	PCDU/HEATER_Htr_Line7_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	3	PCDU	PCDUP33	02	PCDU/HEATER_Htr_Line8_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	3	PCDU	PCDUP33	02	PCDU/HEATER_Htr_Line8_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	4	PCDU	PCDUP33	15	PCDU/HEATER_Htr_Line8_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	4	PCDU	PCDUP33	15	PCDU/HEATER_Htr_Line8_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	5	PCDU	PCDUP33	03	PCDU/HEATER_Htr_Line36_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	6	PCDU	PCDUP33	16	PCDU/HEATER_Htr_Line36_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	9	PCDU	PCDUP33	05	PCDU/HEATER_Htr_Line38_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	10	PCDU	PCDUP33	18	PCDU/HEATER_Htr_Line38_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	11	PCDU	PCDUP33	06	PCDU/HEATER_Htr_Line14_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	12	PCDU	PCDUP33	19	PCDU/HEATER_Htr_Line14_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	15	PCDU	PCDUP33	09	PCDU/HEATER_Htr_Line9_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	15	PCDU	PCDUP33	09	PCDU/HEATER_Htr_Line9_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	16	PCDU	PCDUP33	21	PCDU/HEATER_Htr_Line9_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	16	PCDU	PCDUP33	21	PCDU/HEATER_Htr_Line9_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	17	PCDU	PCDUP33	10	PCDU/HEATER_Htr_Line27_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	18	PCDU	PCDUP33	22	PCDU/HEATER_Htr_Line27_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	19	PCDU	PCDUP33	11	PCDU/HEATER_Htr_Line28_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	20	PCDU	PCDUP33	23	PCDU/HEATER_Htr_Line28_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	21	PCDU	PCDUP33	12	PCDU/HEATER_Htr_Line29_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	22	PCDU	PCDUP33	24	PCDU/HEATER_Htr_Line29_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	23	PCDU	PCDUP33	13	PCDU/HEATER_Htr_Line10_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	23	PCDU	PCDUP33	13	PCDU/HEATER_Htr_Line10_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P11	24	PCDU	PCDUP33	25	PCDU/HEATER_Htr_Line10_Red_Pwr	RTN	HEATER	FL2	PWR		RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P11	24	PCDU	PCDUP33	25	PCDU/HEATER_Htr_Line10_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P11	27	PCDU	PCDUP34	07	PCDU/XPND2_Tx_Pwr-1	ACT	XPND2	09	PWR		RED
PWR	DB01	P11	28	PCDU	PCDUP34	26	PCDU/XPND2_Tx_Pwr-1	RTN	XPND2	01	PWR		RED
PWR	DB01	P11	29	PCDU	PCDUP34	08	PCDU/XPND2_Tx_Pwr-2	ACT	XPND2	09	PWR		RED
PWR	DB01	P11	30	PCDU	PCDUP34	27	PCDU/XPND2_Tx_Pwr-2	RTN	XPND2	01	PWR		RED
PWR	DB01	P11	31	PCDU	PCDUP34	11	PCDU/EPC2_Pwr-1	ACT	EPC2	02	PWR		RED
PWR	DB01	P11	32	PCDU	PCDUP34	30	PCDU/EPC2_Pwr-1	RTN	EPC2	05	PWR		RED
PWR	DB01	P11	33	PCDU	PCDUP34	12	PCDU/EPC2_Pwr-2	ACT	EPC2	02	PWR		RED
PWR	DB01	P11	34	PCDU	PCDUP34	31	PCDU/EPC2_Pwr-2	RTN	EPC2	04	PWR		RED

6.1.12 DB01 P12 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P12	3	PCDU	PCDUP35	01	PCDU/CBPLM_Primary_Reflector-1_Htr_Red_Pwr	ACT	CBPLM	01	PWR		RED
PWR	DB01	P12	4	PCDU	PCDUP35	14	PCDU/CBPLM_Primary_Reflector-1_Htr_Red_Pwr	RTN	CBPLM	09	PWR		RED
PWR	DB01	P12	5	PCDU	PCDUP35	02	PCDU/HEATER_Htr_Line35_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P12	6	PCDU	PCDUP35	15	PCDU/HEATER_Htr_Line35_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P12	7	PCDU	PCDUP35	03	PCDU/HEATER_Htr_Line24_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P12	8	PCDU	PCDUP35	16	PCDU/HEATER_Htr_Line24_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P12	9	PCDU	PCDUP35	04	PCDU/HEATER_Htr_Line25_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P12	10	PCDU	PCDUP35	17	PCDU/HEATER_Htr_Line25_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P12	11	PCDU	PCDUP35	05	PCDU/HEATER_Htr_Line6_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P12	12	PCDU	PCDUP35	18	PCDU/HEATER_Htr_Line6_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P12	13	PCDU	PCDUP35	06	PCDU/HEATER_Htr_Line3_Red_Pwr	ACT	HEATER	FL1	PWR		RED
PWR	DB01	P12	14	PCDU	PCDUP35	19	PCDU/HEATER_Htr_Line3_Red_Pwr	RTN	HEATER	FL2	PWR		RED
PWR	DB01	P12	21	PCDU	PCDUP36	03	PCDU/PHDC_4KCDE_Red_Pwr	ACT	PHDC	02	PWR		RED
PWR	DB01	P12	22	PCDU	PCDUP36	22	PCDU/PHDC_4KCDE_Red_Pwr	RTN	PHDC	09	PWR		RED
PWR	DB01	P12	23	PCDU	PCDUP36	05	PCDU/FOG_Chan3_Pwr	ACT	FOG	01	PWR		RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB01	P12	24	PCDU	PCDUP36	24	PCDU/FOG_Chan3_Pwr	RTN	FOG	09	PWR		RED
PWR	DB01	P12	25	PCDU	PCDUP36	09	PCDU/CRS2_Pwr	ACT	CRS2	01	PWR		RED
PWR	DB01	P12	26	PCDU	PCDUP36	28	PCDU/CRS2_Pwr	RTN	CRS2	03	PWR		RED
PWR	DB01	P12	31	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N04	Black	PWR		RED
PWR	DB01	P12	33	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N05	Black	PWR		RED
PWR	DB01	P12	34	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N05	Black	PWR		RED
PWR	DB01	P12	36	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N10	Black	PWR		RED
PWR	DB01	P12	37	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N03	Black	PWR		RED
PWR	DB01	P12	39	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N02	Black	PWR		RED
PWR	DB01	P12	40	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N08	Black	PWR		RED
PWR	DB01	P12	41	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N12	Black	PWR		RED
PWR	DB01	P12	42	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N12	Black	PWR		RED
PWR	DB01	P12	43	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N06	Black	PWR		RED
PWR	DB01	P12	44	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N06	Black	PWR		RED
PWR	DB01	P12	45	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N11	Black	PWR		RED
PWR	DB01	P12	46	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N11	Black	PWR		RED
PWR	DB01	P12	47	SK02	SK02J13	41	EGSE/THR_20N01-12_Htr_Red_Pwr	ACT	THR_20N01	Black	PWR		RED
PWR	DB01	P12	48	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N07	Black	PWR		RED
PWR	DB01	P12	50	SK02	SK02J13	42	EGSE/THR_20N01-12_Htr_Red_Pwr	RTN	THR_20N09	Black	PWR		RED

6.2 DB11 – PWR Dismountability Bracket Connectors

6.2.1 DB11 P01 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P01	1	PCDU	PCDUP14	04	SA5/PCDU_SA_Sect1_Nom_Pwr	ACT	CBSA20	37	SA_Pwr	I	NOM
PWR	DB11	P01	2	PCDU	PCDUP14	16	SA5/PCDU_SA_Sect1_Nom_Pwr	RTN	CBSA20	20	SA_Pwr	I	NOM
PWR	DB11	P01	3	PCDU	PCDUP14	05	SA5/PCDU_SA_Sect4_Nom_Pwr	ACT	CBSA20	19	SA_Pwr	I	NOM
PWR	DB11	P01	4	PCDU	PCDUP14	17	SA5/PCDU_SA_Sect4_Nom_Pwr	RTN	CBSA20	18	SA_Pwr	I	NOM
PWR	DB11	P01	5	PCDU	PCDUP14	06	SA5/PCDU_SA_Sect7_Nom_Pwr	ACT	CBSA20	34	SA_Pwr	I	NOM
PWR	DB11	P01	6	PCDU	PCDUP14	18	SA5/PCDU_SA_Sect7_Nom_Pwr	RTN	CBSA20	33	SA_Pwr	I	NOM
PWR	DB11	P01	7	PCDU	PCDUP14	07	SA5/PCDU_SA_Sect10_Nom_Pwr	ACT	CBSA20	03	SA_Pwr	I	NOM
PWR	DB11	P01	8	PCDU	PCDUP14	19	SA5/PCDU_SA_Sect10_Nom_Pwr	RTN	CBSA20	04	SA_Pwr	I	NOM
PWR	DB11	P01	9	PCDU	PCDUP14	08	SA1/PCDU_SA_Sect13_Nom_Pwr	ACT	CBSA11	17	SA_Pwr	I	NOM
PWR	DB11	P01	9	PCDU	PCDUP14	08	SA1/PCDU_SA_Sect13_Nom_Pwr	ACT	CBSA11	17	SA_Pwr	I	NOM
PWR	DB11	P01	10	PCDU	PCDUP14	20	SA1/PCDU_SA_Sect13_Nom_Pwr	RTN	CBSA11	18	SA_Pwr	I	NOM
PWR	DB11	P01	10	PCDU	PCDUP14	20	SA1/PCDU_SA_Sect13_Nom_Pwr	RTN	CBSA11	18	SA_Pwr	I	NOM
PWR	DB11	P01	11	PCDU	PCDUP14	09	SA1/PCDU_SA_Sect16_Nom_Pwr	ACT	CBSA11	11	SA_Pwr	I	NOM
PWR	DB11	P01	11	PCDU	PCDUP14	09	SA1/PCDU_SA_Sect16_Nom_Pwr	ACT	CBSA11	11	SA_Pwr	I	NOM
PWR	DB11	P01	12	PCDU	PCDUP14	21	SA1/PCDU_SA_Sect16_Nom_Pwr	RTN	CBSA11	12	SA_Pwr	I	NOM
PWR	DB11	P01	12	PCDU	PCDUP14	21	SA1/PCDU_SA_Sect16_Nom_Pwr	RTN	CBSA11	12	SA_Pwr	I	NOM
PWR	DB11	P01	13	PCDU	PCDUP14	10	SA2/PCDU_SA_Sect19_Nom_Pwr	ACT	CBSA12	09	SA_Pwr	I	NOM
PWR	DB11	P01	13	PCDU	PCDUP14	10	SA2/PCDU_SA_Sect19_Nom_Pwr	ACT	CBSA12	09	SA_Pwr	I	NOM
PWR	DB11	P01	14	PCDU	PCDUP14	22	SA2/PCDU_SA_Sect19_Nom_Pwr	RTN	CBSA12	10	SA_Pwr	I	NOM
PWR	DB11	P01	14	PCDU	PCDUP14	22	SA2/PCDU_SA_Sect19_Nom_Pwr	RTN	CBSA12	10	SA_Pwr	I	NOM
PWR	DB11	P01	15	PCDU	PCDUP14	11	SA3/PCDU_SA_Sect22_Nom_Pwr	ACT	CBSA13	17	SA_Pwr	I	NOM
PWR	DB11	P01	16	PCDU	PCDUP14	23	SA3/PCDU_SA_Sect22_Nom_Pwr	RTN	CBSA13	18	SA_Pwr	I	NOM
PWR	DB11	P01	19	PCDU	PCDUP14	12	SA3/PCDU_SA_Sect25_Nom_Pwr	ACT	CBSA13	11	SA_Pwr	I	NOM
PWR	DB11	P01	20	PCDU	PCDUP14	24	SA3/PCDU_SA_Sect25_Nom_Pwr	RTN	CBSA13	12	SA_Pwr	I	NOM
PWR	DB11	P01	21	PCDU	PCDUP14	13	SA4/PCDU_SA_Sect28_Nom_Pwr	ACT	CBSA14	19	SA_Pwr	I	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P01	22	PCDU	PCDUP14	25	SA4/PCDU_SA_Sect28_Nom_Pwr	RTN	CBSA14	08	SA_Pwr	I	NOM
PWR	DB11	P01	25	PCDU	PCDUP18	04	SA5/PCDU_SA_Sect2_Nom_Pwr	ACT	CBSA20	21	SA_Pwr	I	NOM
PWR	DB11	P01	26	PCDU	PCDUP18	16	SA5/PCDU_SA_Sect2_Nom_Pwr	RTN	CBSA20	22	SA_Pwr	I	NOM
PWR	DB11	P01	27	PCDU	PCDUP18	05	SA5/PCDU_SA_Sect5_Nom_Pwr	ACT	CBSA20	09	SA_Pwr	I	NOM
PWR	DB11	P01	28	PCDU	PCDUP18	17	SA5/PCDU_SA_Sect5_Nom_Pwr	RTN	CBSA20	10	SA_Pwr	I	NOM
PWR	DB11	P01	29	PCDU	PCDUP18	06	SA5/PCDU_SA_Sect8_Nom_Pwr	ACT	CBSA20	17	SA_Pwr	I	NOM
PWR	DB11	P01	30	PCDU	PCDUP18	18	SA5/PCDU_SA_Sect8_Nom_Pwr	RTN	CBSA20	16	SA_Pwr	I	NOM
PWR	DB11	P01	31	PCDU	PCDUP18	07	SA5/PCDU_SA_Sect11_Nom_Pwr	ACT	CBSA20	11	SA_Pwr	I	NOM
PWR	DB11	P01	32	PCDU	PCDUP18	19	SA5/PCDU_SA_Sect11_Nom_Pwr	RTN	CBSA20	12	SA_Pwr	I	NOM
PWR	DB11	P01	35	PCDU	PCDUP18	08	SA1/PCDU_SA_Sect14_Nom_Pwr	ACT	CBSA11	19	SA_Pwr	I	NOM
PWR	DB11	P01	35	PCDU	PCDUP18	08	SA1/PCDU_SA_Sect14_Nom_Pwr	ACT	CBSA11	19	SA_Pwr	I	NOM
PWR	DB11	P01	36	PCDU	PCDUP18	20	SA1/PCDU_SA_Sect14_Nom_Pwr	RTN	CBSA11	08	SA_Pwr	I	NOM
PWR	DB11	P01	36	PCDU	PCDUP18	20	SA1/PCDU_SA_Sect14_Nom_Pwr	RTN	CBSA11	08	SA_Pwr	I	NOM
PWR	DB11	P01	37	PCDU	PCDUP18	09	SA2/PCDU_SA_Sect17_Nom_Pwr	ACT	CBSA12	17	SA_Pwr	I	NOM
PWR	DB11	P01	37	PCDU	PCDUP18	09	SA2/PCDU_SA_Sect17_Nom_Pwr	ACT	CBSA12	17	SA_Pwr	I	NOM
PWR	DB11	P01	38	PCDU	PCDUP18	21	SA2/PCDU_SA_Sect17_Nom_Pwr	RTN	CBSA12	18	SA_Pwr	I	NOM
PWR	DB11	P01	38	PCDU	PCDUP18	21	SA2/PCDU_SA_Sect17_Nom_Pwr	RTN	CBSA12	18	SA_Pwr	I	NOM

6.2.2 DB11 P02 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P02	1	PCDU	PCDUP18	10	SA2/PCDU_SA_Sect20_Nom_Pwr	ACT	CBSA12	11	SA_Pwr	I	NOM
PWR	DB11	P02	1	PCDU	PCDUP18	10	SA2/PCDU_SA_Sect20_Nom_Pwr	ACT	CBSA12	11	SA_Pwr	I	NOM
PWR	DB11	P02	2	PCDU	PCDUP18	22	SA2/PCDU_SA_Sect20_Nom_Pwr	RTN	CBSA12	12	SA_Pwr	I	NOM
PWR	DB11	P02	2	PCDU	PCDUP18	22	SA2/PCDU_SA_Sect20_Nom_Pwr	RTN	CBSA12	12	SA_Pwr	I	NOM
PWR	DB11	P02	3	PCDU	PCDUP18	11	SA3/PCDU_SA_Sect23_Nom_Pwr	ACT	CBSA13	19	SA_Pwr	I	NOM
PWR	DB11	P02	4	PCDU	PCDUP18	23	SA3/PCDU_SA_Sect23_Nom_Pwr	RTN	CBSA13	08	SA_Pwr	I	NOM
PWR	DB11	P02	5	PCDU	PCDUP18	12	SA3/PCDU_SA_Sect26_Nom_Pwr	ACT	CBSA13	07	SA_Pwr	I	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P02	6	PCDU	PCDUP18	24	SA3/PCDU_SA_Sect26_Nom_Pwr	RTN	CBSA13	2	SA_Pwr	I	NOM
PWR	DB11	P02	7	PCDU	PCDUP18	13	SA4/PCDU_SA_Sect29_Nom_Pwr	ACT	CBSA14	09	SA_Pwr	I	NOM
PWR	DB11	P02	8	PCDU	PCDUP18	25	SA4/PCDU_SA_Sect29_Nom_Pwr	RTN	CBSA14	10	SA_Pwr	I	NOM
PWR	DB11	P02	11	PCDU	PCDUP22	04	SA5/PCDU_SA_Sect3_Nom_Pwr	ACT	CBSA20	36	SA_Pwr	I	NOM
PWR	DB11	P02	12	PCDU	PCDUP22	16	SA5/PCDU_SA_Sect3_Nom_Pwr	RTN	CBSA20	35	SA_Pwr	I	NOM
PWR	DB11	P02	13	PCDU	PCDUP22	05	SA5/PCDU_SA_Sect6_Nom_Pwr	ACT	CBSA20	23	SA_Pwr	I	NOM
PWR	DB11	P02	14	PCDU	PCDUP22	17	SA5/PCDU_SA_Sect6_Nom_Pwr	RTN	CBSA20	24	SA_Pwr	I	NOM
PWR	DB11	P02	15	PCDU	PCDUP22	06	SA5/PCDU_SA_Sect9_Nom_Pwr	ACT	CBSA20	06	SA_Pwr	I	NOM
PWR	DB11	P02	16	PCDU	PCDUP22	18	SA5/PCDU_SA_Sect9_Nom_Pwr	RTN	CBSA20	05	SA_Pwr	I	NOM
PWR	DB11	P02	19	PCDU	PCDUP22	07	SA5/PCDU_SA_Sect12_Nom_Pwr	ACT	CBSA20	25	SA_Pwr	I	NOM
PWR	DB11	P02	20	PCDU	PCDUP22	19	SA5/PCDU_SA_Sect12_Nom_Pwr	RTN	CBSA20	26	SA_Pwr	I	NOM
PWR	DB11	P02	21	PCDU	PCDUP22	08	SA1/PCDU_SA_Sect15_Nom_Pwr	ACT	CBSA11	09	SA_Pwr	I	NOM
PWR	DB11	P02	21	PCDU	PCDUP22	08	SA1/PCDU_SA_Sect15_Nom_Pwr	ACT	CBSA11	09	SA_Pwr	I	NOM
PWR	DB11	P02	22	PCDU	PCDUP22	20	SA1/PCDU_SA_Sect15_Nom_Pwr	RTN	CBSA11	10	SA_Pwr	I	NOM
PWR	DB11	P02	22	PCDU	PCDUP22	20	SA1/PCDU_SA_Sect15_Nom_Pwr	RTN	CBSA11	10	SA_Pwr	I	NOM
PWR	DB11	P02	23	PCDU	PCDUP22	09	SA2/PCDU_SA_Sect18_Nom_Pwr	ACT	CBSA12	19	SA_Pwr	I	NOM
PWR	DB11	P02	23	PCDU	PCDUP22	09	SA2/PCDU_SA_Sect18_Nom_Pwr	ACT	CBSA12	19	SA_Pwr	I	NOM
PWR	DB11	P02	24	PCDU	PCDUP22	21	SA2/PCDU_SA_Sect18_Nom_Pwr	RTN	CBSA12	08	SA_Pwr	I	NOM
PWR	DB11	P02	24	PCDU	PCDUP22	21	SA2/PCDU_SA_Sect18_Nom_Pwr	RTN	CBSA12	08	SA_Pwr	I	NOM
PWR	DB11	P02	25	PCDU	PCDUP22	10	SA2/PCDU_SA_Sect21_Nom_Pwr	ACT	CBSA12	07	SA_Pwr	I	NOM
PWR	DB11	P02	25	PCDU	PCDUP22	10	SA2/PCDU_SA_Sect21_Nom_Pwr	ACT	CBSA12	07	SA_Pwr	I	NOM
PWR	DB11	P02	26	PCDU	PCDUP22	22	SA2/PCDU_SA_Sect21_Nom_Pwr	RTN	CBSA12	10	SA_Pwr	I	NOM
PWR	DB11	P02	26	PCDU	PCDUP22	22	SA2/PCDU_SA_Sect21_Nom_Pwr	RTN	CBSA12	10	SA_Pwr	I	NOM
PWR	DB11	P02	27	PCDU	PCDUP22	11	SA3/PCDU_SA_Sect24_Nom_Pwr	ACT	CBSA13	09	SA_Pwr	I	NOM
PWR	DB11	P02	28	PCDU	PCDUP22	23	SA3/PCDU_SA_Sect24_Nom_Pwr	RTN	CBSA13	10	SA_Pwr	I	NOM
PWR	DB11	P02	29	PCDU	PCDUP22	12	SA4/PCDU_SA_Sect27_Nom_Pwr	ACT	CBSA14	17	SA_Pwr	I	NOM
PWR	DB11	P02	30	PCDU	PCDUP22	24	SA4/PCDU_SA_Sect27_Nom_Pwr	RTN	CBSA14	18	SA_Pwr	I	NOM
PWR	DB11	P02	31	PCDU	PCDUP22	13	SA4/PCDU_SA_Sect30_Nom_Pwr	ACT	CBSA14	11	SA_Pwr	I	NOM
PWR	DB11	P02	32	PCDU	PCDUP22	25	SA4/PCDU_SA_Sect30_Nom_Pwr	RTN	CBSA14	12	SA_Pwr	I	NOM



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6.2.3 DB11 P03 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P03	1	PCDU	PCDUP15	04	SA5/PCDU_SA_Sect1_Red_Pwr	ACT	CBSA20	37	SA_Pwr	I	RED
PWR	DB11	P03	2	PCDU	PCDUP15	16	SA5/PCDU_SA_Sect1_Red_Pwr	RTN	CBSA20	20	SA_Pwr	I	RED
PWR	DB11	P03	3	PCDU	PCDUP15	05	SA5/PCDU_SA_Sect4_Red_Pwr	ACT	CBSA20	19	SA_Pwr	I	RED
PWR	DB11	P03	4	PCDU	PCDUP15	17	SA5/PCDU_SA_Sect4_Red_Pwr	RTN	CBSA20	18	SA_Pwr	I	RED
PWR	DB11	P03	5	PCDU	PCDUP15	06	SA5/PCDU_SA_Sect7_Red_Pwr	ACT	CBSA20	34	SA_Pwr	I	RED
PWR	DB11	P03	6	PCDU	PCDUP15	18	SA5/PCDU_SA_Sect7_Red_Pwr	RTN	CBSA20	33	SA_Pwr	I	RED
PWR	DB11	P03	7	PCDU	PCDUP15	07	SA5/PCDU_SA_Sect10_Red_Pwr	ACT	CBSA20	03	SA_Pwr	I	RED
PWR	DB11	P03	8	PCDU	PCDUP15	19	SA5/PCDU_SA_Sect10_Red_Pwr	RTN	CBSA20	04	SA_Pwr	I	RED
PWR	DB11	P03	9	PCDU	PCDUP15	08	SA1/PCDU_SA_Sect13_Red_Pwr	ACT	CBSA11	17	SA_Pwr	I	RED
PWR	DB11	P03	9	PCDU	PCDUP15	08	SA1/PCDU_SA_Sect13_Red_Pwr	ACT	CBSA11	17	SA_Pwr	I	RED
PWR	DB11	P03	10	PCDU	PCDUP15	20	SA1/PCDU_SA_Sect13_Red_Pwr	RTN	CBSA11	18	SA_Pwr	I	RED
PWR	DB11	P03	10	PCDU	PCDUP15	20	SA1/PCDU_SA_Sect13_Red_Pwr	RTN	CBSA11	18	SA_Pwr	I	RED
PWR	DB11	P03	11	PCDU	PCDUP15	09	SA1/PCDU_SA_Sect16_Red_Pwr	ACT	CBSA11	11	SA_Pwr	I	RED
PWR	DB11	P03	11	PCDU	PCDUP15	09	SA1/PCDU_SA_Sect16_Red_Pwr	ACT	CBSA11	11	SA_Pwr	I	RED
PWR	DB11	P03	12	PCDU	PCDUP15	21	SA1/PCDU_SA_Sect16_Red_Pwr	RTN	CBSA11	12	SA_Pwr	I	RED
PWR	DB11	P03	12	PCDU	PCDUP15	21	SA1/PCDU_SA_Sect16_Red_Pwr	RTN	CBSA11	12	SA_Pwr	I	RED
PWR	DB11	P03	13	PCDU	PCDUP15	10	SA2/PCDU_SA_Sect19_Red_Pwr	ACT	CBSA12	09	SA_Pwr	I	RED
PWR	DB11	P03	13	PCDU	PCDUP15	10	SA2/PCDU_SA_Sect19_Red_Pwr	ACT	CBSA12	09	SA_Pwr	I	RED
PWR	DB11	P03	14	PCDU	PCDUP15	22	SA2/PCDU_SA_Sect19_Red_Pwr	RTN	CBSA12	10	SA_Pwr	I	RED
PWR	DB11	P03	14	PCDU	PCDUP15	22	SA2/PCDU_SA_Sect19_Red_Pwr	RTN	CBSA12	10	SA_Pwr	I	RED
PWR	DB11	P03	15	PCDU	PCDUP15	11	SA3/PCDU_SA_Sect22_Red_Pwr	ACT	CBSA13	17	SA_Pwr	I	RED
PWR	DB11	P03	16	PCDU	PCDUP15	23	SA3/PCDU_SA_Sect22_Red_Pwr	RTN	CBSA13	18	SA_Pwr	I	RED
PWR	DB11	P03	19	PCDU	PCDUP15	12	SA3/PCDU_SA_Sect25_Red_Pwr	ACT	CBSA13	11	SA_Pwr	I	RED
PWR	DB11	P03	20	PCDU	PCDUP15	24	SA3/PCDU_SA_Sect25_Red_Pwr	RTN	CBSA13	12	SA_Pwr	I	RED
PWR	DB11	P03	21	PCDU	PCDUP15	13	SA4/PCDU_SA_Sect28_Red_Pwr	ACT	CBSA14	19	SA_Pwr	I	RED
PWR	DB11	P03	22	PCDU	PCDUP15	25	SA4/PCDU_SA_Sect28_Red_Pwr	RTN	CBSA14	08	SA_Pwr	I	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P03	25	PCDU	PCDUP19	04	SA5/PCDU_SA_Sect2_Red_Pwr	ACT	CBSA20	21	SA_Pwr	I	RED
PWR	DB11	P03	26	PCDU	PCDUP19	16	SA5/PCDU_SA_Sect2_Red_Pwr	RTN	CBSA20	22	SA_Pwr	I	RED
PWR	DB11	P03	27	PCDU	PCDUP19	05	SA5/PCDU_SA_Sect5_Red_Pwr	ACT	CBSA20	09	SA_Pwr	I	RED
PWR	DB11	P03	28	PCDU	PCDUP19	17	SA5/PCDU_SA_Sect5_Red_Pwr	RTN	CBSA20	10	SA_Pwr	I	RED
PWR	DB11	P03	29	PCDU	PCDUP19	06	SA5/PCDU_SA_Sect8_Red_Pwr	ACT	CBSA20	17	SA_Pwr	I	RED
PWR	DB11	P03	30	PCDU	PCDUP19	18	SA5/PCDU_SA_Sect8_Red_Pwr	RTN	CBSA20	16	SA_Pwr	I	RED
PWR	DB11	P03	31	PCDU	PCDUP19	07	SA5/PCDU_SA_Sect11_Red_Pwr	ACT	CBSA20	11	SA_Pwr	I	RED
PWR	DB11	P03	32	PCDU	PCDUP19	19	SA5/PCDU_SA_Sect11_Red_Pwr	RTN	CBSA20	12	SA_Pwr	I	RED
PWR	DB11	P03	33	PCDU	PCDUP19	08	SA1/PCDU_SA_Sect14_Red_Pwr	ACT	CBSA11	19	SA_Pwr	I	RED
PWR	DB11	P03	33	PCDU	PCDUP19	08	SA1/PCDU_SA_Sect14_Red_Pwr	ACT	CBSA11	19	SA_Pwr	I	RED
PWR	DB11	P03	34	PCDU	PCDUP19	20	SA1/PCDU_SA_Sect14_Red_Pwr	RTN	CBSA11	08	SA_Pwr	I	RED
PWR	DB11	P03	34	PCDU	PCDUP19	20	SA1/PCDU_SA_Sect14_Red_Pwr	RTN	CBSA11	08	SA_Pwr	I	RED

6.2.4 DB11 P04 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P04	1	PCDU	PCDUP19	09	SA2/PCDU_SA_Sect17_Red_Pwr	ACT	CBSA12	17	SA_Pwr	I	RED
PWR	DB11	P04	1	PCDU	PCDUP19	09	SA2/PCDU_SA_Sect17_Red_Pwr	ACT	CBSA12	17	SA_Pwr	I	RED
PWR	DB11	P04	2	PCDU	PCDUP19	21	SA2/PCDU_SA_Sect17_Red_Pwr	RTN	CBSA12	18	SA_Pwr	I	RED
PWR	DB11	P04	2	PCDU	PCDUP19	21	SA2/PCDU_SA_Sect17_Red_Pwr	RTN	CBSA12	18	SA_Pwr	I	RED
PWR	DB11	P04	3	PCDU	PCDUP19	10	SA2/PCDU_SA_Sect20_Red_Pwr	ACT	CBSA12	11	SA_Pwr	I	RED
PWR	DB11	P04	3	PCDU	PCDUP19	10	SA2/PCDU_SA_Sect20_Red_Pwr	ACT	CBSA12	11	SA_Pwr	I	RED
PWR	DB11	P04	4	PCDU	PCDUP19	22	SA2/PCDU_SA_Sect20_Red_Pwr	RTN	CBSA12	12	SA_Pwr	I	RED
PWR	DB11	P04	4	PCDU	PCDUP19	22	SA2/PCDU_SA_Sect20_Red_Pwr	RTN	CBSA12	12	SA_Pwr	I	RED
PWR	DB11	P04	5	PCDU	PCDUP19	11	SA3/PCDU_SA_Sect23_Red_Pwr	ACT	CBSA13	19	SA_Pwr	I	RED
PWR	DB11	P04	6	PCDU	PCDUP19	23	SA3/PCDU_SA_Sect23_Red_Pwr	RTN	CBSA13	08	SA_Pwr	I	RED
PWR	DB11	P04	7	PCDU	PCDUP19	12	SA3/PCDU_SA_Sect26_Red_Pwr	ACT	CBSA13	07	SA_Pwr	I	RED
PWR	DB11	P04	8	PCDU	PCDUP19	24	SA3/PCDU_SA_Sect26_Red_Pwr	RTN	CBSA13	2	SA_Pwr	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB11	P04	9	PCDU	PCDUP19	13	SA4/PCDU_SA_Sect29_Red_Pwr	ACT	CBSA14	09	SA_Pwr	I	RED
PWR	DB11	P04	10	PCDU	PCDUP19	25	SA4/PCDU_SA_Sect29_Red_Pwr	RTN	CBSA14	10	SA_Pwr	I	RED
PWR	DB11	P04	13	PCDU	PCDUP23	04	SA5/PCDU_SA_Sect3_Red_Pwr	ACT	CBSA20	36	SA_Pwr	I	RED
PWR	DB11	P04	14	PCDU	PCDUP23	16	SA5/PCDU_SA_Sect3_Red_Pwr	RTN	CBSA20	35	SA_Pwr	I	RED
PWR	DB11	P04	15	PCDU	PCDUP23	05	SA5/PCDU_SA_Sect6_Red_Pwr	ACT	CBSA20	23	SA_Pwr	I	RED
PWR	DB11	P04	16	PCDU	PCDUP23	17	SA5/PCDU_SA_Sect6_Red_Pwr	RTN	CBSA20	24	SA_Pwr	I	RED
PWR	DB11	P04	19	PCDU	PCDUP23	06	SA5/PCDU_SA_Sect9_Red_Pwr	ACT	CBSA20	06	SA_Pwr	I	RED
PWR	DB11	P04	20	PCDU	PCDUP23	18	SA5/PCDU_SA_Sect9_Red_Pwr	RTN	CBSA20	05	SA_Pwr	I	RED
PWR	DB11	P04	21	PCDU	PCDUP23	07	SA5/PCDU_SA_Sect12_Red_Pwr	ACT	CBSA20	25	SA_Pwr	I	RED
PWR	DB11	P04	22	PCDU	PCDUP23	19	SA5/PCDU_SA_Sect12_Red_Pwr	RTN	CBSA20	26	SA_Pwr	I	RED
PWR	DB11	P04	23	PCDU	PCDUP23	08	SA1/PCDU_SA_Sect15_Red_Pwr	ACT	CBSA11	09	SA_Pwr	I	RED
PWR	DB11	P04	23	PCDU	PCDUP23	08	SA1/PCDU_SA_Sect15_Red_Pwr	ACT	CBSA11	09	SA_Pwr	I	RED
PWR	DB11	P04	24	PCDU	PCDUP23	20	SA1/PCDU_SA_Sect15_Red_Pwr	RTN	CBSA11	10	SA_Pwr	I	RED
PWR	DB11	P04	24	PCDU	PCDUP23	20	SA1/PCDU_SA_Sect15_Red_Pwr	RTN	CBSA11	10	SA_Pwr	I	RED
PWR	DB11	P04	25	PCDU	PCDUP23	09	SA2/PCDU_SA_Sect18_Red_Pwr	ACT	CBSA12	19	SA_Pwr	I	RED
PWR	DB11	P04	25	PCDU	PCDUP23	09	SA2/PCDU_SA_Sect18_Red_Pwr	ACT	CBSA12	19	SA_Pwr	I	RED
PWR	DB11	P04	26	PCDU	PCDUP23	21	SA2/PCDU_SA_Sect18_Red_Pwr	RTN	CBSA12	08	SA_Pwr	I	RED
PWR	DB11	P04	26	PCDU	PCDUP23	21	SA2/PCDU_SA_Sect18_Red_Pwr	RTN	CBSA12	08	SA_Pwr	I	RED
PWR	DB11	P04	27	PCDU	PCDUP23	10	SA2/PCDU_SA_Sect21_Red_Pwr	ACT	CBSA12	07	SA_Pwr	I	RED
PWR	DB11	P04	27	PCDU	PCDUP23	10	SA2/PCDU_SA_Sect21_Red_Pwr	ACT	CBSA12	07	SA_Pwr	I	RED
PWR	DB11	P04	28	PCDU	PCDUP23	22	SA2/PCDU_SA_Sect21_Red_Pwr	RTN	CBSA12	10	SA_Pwr	I	RED
PWR	DB11	P04	28	PCDU	PCDUP23	22	SA2/PCDU_SA_Sect21_Red_Pwr	RTN	CBSA12	10	SA_Pwr	I	RED
PWR	DB11	P04	29	PCDU	PCDUP23	11	SA3/PCDU_SA_Sect24_Red_Pwr	ACT	CBSA13	09	SA_Pwr	I	RED
PWR	DB11	P04	30	PCDU	PCDUP23	23	SA3/PCDU_SA_Sect24_Red_Pwr	RTN	CBSA13	10	SA_Pwr	I	RED
PWR	DB11	P04	31	PCDU	PCDUP23	12	SA4/PCDU_SA_Sect27_Red_Pwr	ACT	CBSA14	17	SA_Pwr	I	RED
PWR	DB11	P04	32	PCDU	PCDUP23	24	SA4/PCDU_SA_Sect27_Red_Pwr	RTN	CBSA14	18	SA_Pwr	I	RED
PWR	DB11	P04	33	PCDU	PCDUP23	13	SA4/PCDU_SA_Sect30_Red_Pwr	ACT	CBSA14	11	SA_Pwr	I	RED
PWR	DB11	P04	34	PCDU	PCDUP23	25	SA4/PCDU_SA_Sect30_Red_Pwr	RTN	CBSA14	12	SA_Pwr	I	RED

6.3 DB02 – PWR Dismountability Bracket Connectors

6.3.1 DB02 P01 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P01	49	CDMU	CDMUP043	02	XPND1/CDMU_TC_Squelch	TRUE	XPND1	03	SBDL	II	NOM
PWR	DB02	P01	50	CDMU	CDMUP043	03	XPND1/CDMU_TC_Clock	TRUE	XPND1	05	SBDL	II	NOM
PWR	DB02	P01	51	CDMU	CDMUP043	04	XPND1/CDMU_TC_Data	TRUE	XPND1	01	SBDL	II	NOM
PWR	DB02	P01	52	CDMU	CDMUP043	05	XPND1/CDMU_TC_RF_Lock	TRUE	XPND1	07	SBDL	II	NOM
PWR	DB02	P01	54	CDMU	CDMUP043	06	PU1/CDMU_TC_Squelch	TRUE	PU1	34	SBDL	II	NOM
PWR	DB02	P01	55	CDMU	CDMUP043	07	CDMU/XPND1_TM_Clock	TRUE	XPND1	11	SBDL	II	NOM
PWR	DB02	P01	56	CDMU	CDMUP043	08	CDMU/XPND1_TM_Data	TRUE	XPND1	13	SBDL	II	NOM
PWR	DB02	P01	58	CDMU	CDMUP043	19	PU1/CDMU_RM_A_Sep_Strap5a_Alarm_Sts	ACT	PU1	21	DR_Mnt	II	NOM
PWR	DB02	P01	69	CDMU	CDMUP043	21	XPND1/CDMU_TC_Squelch	COMP	XPND1	16	SBDL	II	NOM
PWR	DB02	P01	70	CDMU	CDMUP043	22	XPND1/CDMU_TC_Clock	COMP	XPND1	18	SBDL	II	NOM
PWR	DB02	P01	71	CDMU	CDMUP043	23	XPND1/CDMU_TC_Data	COMP	XPND1	14	SBDL	II	NOM
PWR	DB02	P01	72	CDMU	CDMUP043	24	XPND1/CDMU_TC_RF_Lock	COMP	XPND1	20	SBDL	II	NOM
PWR	DB02	P01	74	CDMU	CDMUP043	25	PU1/CDMU_TC_Squelch	COMP	PU1	17	SBDL	II	NOM
PWR	DB02	P01	75	CDMU	CDMUP043	26	CDMU/XPND1_TM_Clock	COMP	XPND1	23	SBDL	II	NOM
PWR	DB02	P01	76	CDMU	CDMUP043	27	CDMU/XPND1_TM_Data	COMP	XPND1	25	SBDL	II	NOM
PWR	DB02	P01	78	CDMU	CDMUP043	38	PU1/CDMU_RM_A_Sep_Strap5a_Alarm_Sts	RTN	PU1	22	DR_Mnt	II	NOM

6.3.2 DB02 P02– PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P02	2	CDMU	CDMUP043	44	PU1/CDMU_TC_Clock	TRUE	PU1	36	SBDL	II	NOM
PWR	DB02	P02	4	CDMU	CDMUP043	45	PU1/CDMU_TC_Data	TRUE	PU1	35	SBDL	II	NOM
PWR	DB02	P02	6	CDMU	CDMUP043	46	CDMU/PU1_TM_Clock	TRUE	PU1	33	SBDL	II	NOM
PWR	DB02	P02	8	CDMU	CDMUP043	47	CDMU/PU1_TM_Data	TRUE	PU1	31	SBDL	II	NOM
PWR	DB02	P02	10	CDMU	CDMUP045	12	CDMU/EPC1_TWTA_OFF_Nom_Cmd	ACT	EPC1	12	HP_Cmd	II	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P02	11	CDMU	CDMUP045	13	CDMU/EPC1_EPC_ON_Nom_Cmd	ACT	EPC1	32	HP_Cmd	II	NOM
PWR	DB02	P02	12	CDMU	CDMUP045	15	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	ACT	RFDN	04	EHP_Cmd	II	NOM
PWR	DB02	P02	13	CDMU	CDMUP045	16	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	ACT	RFDN	12	EHP_Cmd	II	NOM
PWR	DB02	P02	14	CDMU	CDMUP045	28	CDMU/XPND1_Tx_ON_Nom_Cmd	ACT	XPND1	04	HP_Cmd	II	NOM
PWR	DB02	P02	15	CDMU	CDMUP045	30	CDMU/EPC1_EPC_OFF_Nom_Cmd	ACT	EPC1	31	HP_Cmd	II	NOM
PWR	DB02	P02	16	CDMU	CDMUP045	31	CDMU/EPC2_TWTA_ON_Nom_Cmd	ACT	EPC2	17	HP_Cmd	II	NOM
PWR	DB02	P02	17	CDMU	CDMUP045	34	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	ACT	RFDN	12	EHP_Cmd	II	NOM
PWR	DB02	P02	18	CDMU	CDMUP045	33	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	ACT	RFDN	04	EHP_Cmd	II	NOM
PWR	DB02	P02	19	CDMU	CDMUP045	47	CDMU/XPND1_Tx_OFF_Nom_Cmd	ACT	XPND1	05	HP_Cmd	II	NOM
PWR	DB02	P02	22	CDMU	CDMUP043	64	PU1/CDMU_TC_Clock	COMP	PU1	19	SBDL	II	NOM
PWR	DB02	P02	24	CDMU	CDMUP043	65	PU1/CDMU_TC_Data	COMP	PU1	18	SBDL	II	NOM
PWR	DB02	P02	26	CDMU	CDMUP043	66	CDMU/PU1_TM_Clock	COMP	PU1	32	SBDL	II	NOM
PWR	DB02	P02	28	CDMU	CDMUP043	67	CDMU/PU1_TM_Data	COMP	PU1	52	SBDL	II	NOM
PWR	DB02	P02	30	CDMU	CDMUP045	11	CDMU/EPC1_TWTA_OFF_Nom_Cmd	RTN	EPC1	14	HP_Cmd	II	NOM
PWR	DB02	P02	31	CDMU	CDMUP045	14	CDMU/EPC1_EPC_ON_Nom_Cmd	RTN	EPC1	13	HP_Cmd	II	NOM
PWR	DB02	P02	32	CDMU	CDMUP045	14	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	RTN	RFDN	05	EHP_Cmd	II	NOM
PWR	DB02	P02	33	CDMU	CDMUP045	17	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	RTN	RFDN	15	EHP_Cmd	II	NOM
PWR	DB02	P02	34	CDMU	CDMUP045	26	CDMU/XPND1_Tx_ON_Nom_Cmd	RTN	XPND1	12	HP_Cmd	II	NOM
PWR	DB02	P02	35	CDMU	CDMUP045	29	CDMU/EPC1_EPC_OFF_Nom_Cmd	RTN	EPC1	13	HP_Cmd	II	NOM
PWR	DB02	P02	36	CDMU	CDMUP045	29	CDMU/EPC2_TWTA_ON_Nom_Cmd	RTN	EPC2	14	HP_Cmd	II	NOM
PWR	DB02	P02	37	CDMU	CDMUP045	32	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	RTN	RFDN	15	EHP_Cmd	II	NOM
PWR	DB02	P02	38	CDMU	CDMUP045	32	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	RTN	RFDN	05	EHP_Cmd	II	NOM
PWR	DB02	P02	39	CDMU	CDMUP045	46	CDMU/XPND1_Tx_OFF_Nom_Cmd	RTN	XPND1	12	HP_Cmd	II	NOM
PWR	DB02	P02	40	CDMU	CDMUP045	48	CDMU/XPND2_Tx_ON_Nom_Cmd	ACT	XPND2	04	HP_Cmd	II	NOM
PWR	DB02	P02	41	CDMU	CDMUP045	50	CDMU/EPC2_TWTA_OFF_Nom_Cmd	ACT	EPC2	12	HP_Cmd	II	NOM
PWR	DB02	P02	42	CDMU	CDMUP045	51	CDMU/EPC2_EPC_ON_Nom_Cmd	ACT	EPC2	32	HP_Cmd	II	NOM
PWR	DB02	P02	43	CDMU	CDMUP045	53	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	ACT	RFDN	04	EHP_Cmd	II	NOM
PWR	DB02	P02	44	CDMU	CDMUP045	54	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	ACT	RFDN	12	EHP_Cmd	II	NOM
PWR	DB02	P02	45	CDMU	CDMUP045	67	CDMU/XPND2_Tx_OFF_Nom_Cmd	ACT	XPND2	05	HP_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P02	46	CDMU	CDMUP045	68	CDMU/EPC1_TWTA_ON_Nom_Cmd	ACT	EPC1	17	HP_Cmd	II	NOM
PWR	DB02	P02	47	CDMU	CDMUP045	70	CDMU/EPC2_EPC_OFF_Nom_Cmd	ACT	EPC2	31	HP_Cmd	II	NOM
PWR	DB02	P02	48	CDMU	CDMUP045	73	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	ACT	RFDN	04	EHP_Cmd	II	NOM
PWR	DB02	P02	49	CDMU	CDMUP045	74	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	ACT	RFDN	12	EHP_Cmd	II	NOM
PWR	DB02	P02	60	CDMU	CDMUP045	49	CDMU/XPND2_Tx_ON_Nom_Cmd	RTN	XPND2	12	HP_Cmd	II	NOM
PWR	DB02	P02	61	CDMU	CDMUP045	49	CDMU/EPC2_TWTA_OFF_Nom_Cmd	RTN	EPC2	14	HP_Cmd	II	NOM
PWR	DB02	P02	62	CDMU	CDMUP045	52	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	RTN	RFDN	05	EHP_Cmd	II	NOM
PWR	DB02	P02	63	CDMU	CDMUP045	52	CDMU/EPC2_EPC_ON_Nom_Cmd	RTN	EPC2	13	HP_Cmd	II	NOM
PWR	DB02	P02	64	CDMU	CDMUP045	55	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	RTN	RFDN	15	EHP_Cmd	II	NOM
PWR	DB02	P02	65	CDMU	CDMUP045	66	CDMU/XPND2_Tx_OFF_Nom_Cmd	RTN	XPND2	12	HP_Cmd	II	NOM
PWR	DB02	P02	66	CDMU	CDMUP045	69	CDMU/EPC2_EPC_OFF_Nom_Cmd	RTN	EPC2	13	HP_Cmd	II	NOM
PWR	DB02	P02	67	CDMU	CDMUP045	69	CDMU/EPC1_TWTA_ON_Nom_Cmd	RTN	EPC1	14	HP_Cmd	II	NOM
PWR	DB02	P02	68	CDMU	CDMUP045	72	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	RTN	RFDN	05	EHP_Cmd	II	NOM
PWR	DB02	P02	69	CDMU	CDMUP045	72	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	RTN	RFDN	15	EHP_Cmd	II	NOM

6.3.3 DB02 P03 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P03	1	CDMU	CDMUP081	21	EPC1/CDMU_TWTA_ON/OFF_Sts	ACT	EPC1	30	DB_Mnt	II	NOM
PWR	DB02	P03	2	CDMU	CDMUP081	03	CDMU/SREM_ML1_Data_Cmd	TRUE	SREM	04	ML16	II	NOM
PWR	DB02	P03	3	CDMU	CDMUP081	05	CDMU/SREM_ML1_Clock_Cmd	TRUE	SREM	08	ML16	II	NOM
PWR	DB02	P03	4	CDMU	CDMUP081	07	CDMU/SREM_ML1_Address_Cmd	TRUE	SREM	14	ML16	II	NOM
PWR	DB02	P03	5	CDMU	CDMUP081	24	SREM/CDMU_DS1_Data_Mnt	TRUE	SREM	03	DS16	II	NOM
PWR	DB02	P03	6	CDMU	CDMUP081	26	SREM/CDMU_DS1_Address_Mnt	TRUE	SREM	13	DS16	II	NOM
PWR	DB02	P03	7	CDMU	CDMUP081	61	EPC1/CDMU_EPC_ON/OFF_Sts	ACT	EPC1	10	DB_Mnt	II	NOM
PWR	DB02	P03	9	CDMU	CDMUP083	08	RFDN/CDMU_TM_SW1_Pos1_Sts	ACT	RFDN	01	DR_Mnt	II	NOM
PWR	DB02	P03	10	CDMU	CDMUP083	16	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	ACT	XPND1	21	DB_Mnt	II	NOM
PWR	DB02	P03	11	CDMU	CDMUP083	19	CDMU/PSM4_Sync	ACT	PSM4	5	LOBT_Sync	II	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P03	12	CDMU	CDMUP083	28	XPND1/CDMU_Tx_ON/OFF_Sts	ACT	XPND1	07	DR_Mnt	II	NOM
PWR	DB02	P03	13	CDMU	CDMUP083	38	CDMU/PLREN_LFI-REBA_Nom_Sync	ACT	PLREN	4	LOBT_Sync	II	NOM
PWR	DB02	P03	15	CDMU	CDMUP083	59	CDMU/PLBEU_LFI-DAE_Nom_Sync	ACT	PLBEU	1	LOBT_Sync	II	NOM
PWR	DB02	P03	16	CDMU	CDMUP083	66	RFDN/CDMU_TM_SW2_Pos1_Sts	ACT	RFDN	01	DR_Mnt	II	NOM
PWR	DB02	P03	17	CDMU	CDMUP083	76	EPC1/CDMU_ARU_Sts	ACT	EPC1	28	DB_Mnt	II	NOM
PWR	DB02	P03	18	CDMU	CDMUP083	78	CDMU/PHBAN_Sync	ACT	PHBAN	02	LOBT_Sync	II	NOM
PWR	DB02	P03	21	CDMU	CDMUP081	01	EPC1/CDMU_TWTA_ON/OFF_Sts	RTN	EPC1	09	DB_Mnt	II	NOM
PWR	DB02	P03	22	CDMU	CDMUP081	02	CDMU/SREM_ML1_Data_Cmd	COMP	SREM	11	ML16	II	NOM
PWR	DB02	P03	23	CDMU	CDMUP081	04	CDMU/SREM_ML1_Clock_Cmd	COMP	SREM	15	ML16	II	NOM
PWR	DB02	P03	24	CDMU	CDMUP081	06	CDMU/SREM_ML1_Address_Cmd	COMP	SREM	06	ML16	II	NOM
PWR	DB02	P03	25	CDMU	CDMUP081	23	SREM/CDMU_DS1_Data_Mnt	COMP	SREM	10	DS16	II	NOM
PWR	DB02	P03	26	CDMU	CDMUP081	25	SREM/CDMU_DS1_Address_Mnt	COMP	SREM	05	DS16	II	NOM
PWR	DB02	P03	27	CDMU	CDMUP081	41	EPC1/CDMU_EPC_ON/OFF_Sts	RTN	EPC1	09	DB_Mnt	II	NOM
PWR	DB02	P03	29	CDMU	CDMUP083	07	RFDN/CDMU_TM_SW1_Pos1_Sts	RTN	RFDN	03	DR_Mnt	II	NOM
PWR	DB02	P03	30	CDMU	CDMUP083	15	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	RTN	XPND1	22	DB_Mnt	II	NOM
PWR	DB02	P03	31	CDMU	CDMUP083	18	CDMU/PSM4_Sync	RTN	PSM4	9	LOBT_Sync	II	NOM
PWR	DB02	P03	32	CDMU	CDMUP083	27	XPND1/CDMU_Tx_ON/OFF_Sts	RTN	XPND1	20	DR_Mnt	II	NOM
PWR	DB02	P03	33	CDMU	CDMUP083	37	CDMU/PLREN_LFI-REBA_Nom_Sync	RTN	PLREN	5	LOBT_Sync	II	NOM
PWR	DB02	P03	35	CDMU	CDMUP083	58	CDMU/PLBEU_LFI-DAE_Nom_Sync	RTN	PLBEU	6	LOBT_Sync	II	NOM
PWR	DB02	P03	36	CDMU	CDMUP083	65	RFDN/CDMU_TM_SW2_Pos1_Sts	RTN	RFDN	03	DR_Mnt	II	NOM
PWR	DB02	P03	37	CDMU	CDMUP083	75	EPC1/CDMU_ARU_Sts	RTN	EPC1	09	DB_Mnt	II	NOM
PWR	DB02	P03	38	CDMU	CDMUP083	77	CDMU/PHBAN_Sync	RTN	PHBAN	06	LOBT_Sync	II	NOM
PWR	DB02	P03	44	CDMU	CDMUP093	08	RFDN/CDMU_TM_SW1_Pos2_Sts	ACT	RFDN	02	DR_Mnt	II	NOM
PWR	DB02	P03	45	CDMU	CDMUP093	09	CDMU/XPND1_Rx_RateSelection_4Kbps_Cmd	ACT	XPND1	10	HL_Cmd	II	NOM
PWR	DB02	P03	46	CDMU	CDMUP093	10	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	RTN	XPND1	07	HL_Cmd	II	NOM
PWR	DB02	P03	47	CDMU	CDMUP093	66	RFDN/CDMU_TM_SW2_Pos2_Sts	ACT	RFDN	02	DR_Mnt	II	NOM
PWR	DB02	P03	51	CDMU	CDMUP105	32	PU1/CDMU_Sep_Strap1_Sts	ACT	PU1	13	DR_Mnt	II	NOM
PWR	DB02	P03	54	CDMU	CDMUP115	32	PU1/CDMU_Sep_Strap2_Sts	ACT	PU1	47	DR_Mnt	II	NOM
PWR	DB02	P03	57	PCDU	PCDUP14	02	PU1/PCDU_Charge_Array_Disable_Cmd	ACT	PU1	08	HL_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P03	64	CDMU	CDMUP093	07	RFDN/CDMU_TM_SW1_Pos2_Sts	RTN	RFDN	03	DR_Mnt	II	NOM
PWR	DB02	P03	65	CDMU	CDMUP093	10	CDMU/XPND1_Rx_RateSelection_4KBps_Cmd	RTN	XPND1	07	HL_Cmd	II	NOM
PWR	DB02	P03	66	CDMU	CDMUP093	11	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	ACT	XPND1	11	HL_Cmd	II	NOM
PWR	DB02	P03	67	CDMU	CDMUP093	65	RFDN/CDMU_TM_SW2_Pos2_Sts	RTN	RFDN	03	DR_Mnt	II	NOM
PWR	DB02	P03	71	CDMU	CDMUP105	31	PU1/CDMU_Sep_Strap1_Sts	RTN	PU1	27	DR_Mnt	II	NOM
PWR	DB02	P03	74	CDMU	CDMUP115	31	PU1/CDMU_Sep_Strap2_Sts	RTN	PU1	48	DR_Mnt	II	NOM
PWR	DB02	P03	77	PCDU	PCDUP14	15	PU1/PCDU_Charge_Array_Disable_Cmd	RTN	PU1	09	HL_Cmd	II	NOM

6.3.4 DB02 P04 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P04	1	SK02	SK02J05	32	EGSE/THR_20N04_Vlv_Cmd	ACT	THR_20N04	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	2	SK02	SK02J05	34	EGSE/THR_20N05_Vlv_Cmd	ACT	THR_20N05	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	3	SK02	SK02J05	36	EGSE/THR_20N06_Vlv_Cmd	ACT	THR_20N06	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	4	SK02	SK02J05	38	EGSE/THR_1N02_Vlv2_Cmd	ACT	THR_1N02	Blue	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	5	SK02	SK02J05	40	EGSE/THR_20N01_Vlv_Cmd	ACT	THR_20N01	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	6	SK02	SK02J05	42	EGSE/THR_20N02_Vlv_Cmd	ACT	THR_20N02	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	7	SK02	SK02J05	44	EGSE/THR_20N03_Vlv_Cmd	ACT	THR_20N03	Yellow	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	8	SK02	SK02J05	46	EGSE/THR_1N02_Vlv1_Cmd	ACT	THR_1N02	Red	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	9	SK02	SK02J05	47	EGSE/LVA_ON_Cmd	ACT	LVA	White	LV_Cmd	II	NOM
PWR	DB02	P04	10	SK02	SK02J05	49	EGSE/THR_1N01_Vlv1_Cmd	ACT	THR_1N01	Red	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	11	SK02	SK02J05	51	EGSE/THR_1N01_Vlv2_Cmd	ACT	THR_1N01	Blue	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	12	SK02	SK02J05	53	EGSE/LVA_OFF_Cmd	ACT	LVA	Red	LV_Cmd	II	NOM
PWR	DB02	P04	13	ACC	ACCP035	26	ACC/FOG_Chan2_ON_Cmd	COMP	FOG	12	HP_Cmd	II	NOM
PWR	DB02	P04	14	ACC	ACCP035	27	ACC/FOG_Chan2_ON_Cmd	TRUE	FOG	05	HP_Cmd	II	NOM
PWR	DB02	P04	15	ACC	ACCP035	28	ACC/FOG_Chan2_OFF_Cmd	TRUE	FOG	06	HP_Cmd	II	NOM
PWR	DB02	P04	16	ACC	ACCP035	29	ACC/FOG_Chan2_OFF_Cmd	COMP	FOG	13	HP_Cmd	II	NOM
PWR	DB02	P04	17	ACC	ACCP035	66	ACC/FOG_Chan4_ON_Cmd	COMP	FOG	12	HP_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P04	18	ACC	ACCP035	67	ACC/FOG_Chan4_ON_Cmd	TRUE	FOG	05	HP_Cmd	II	NOM
PWR	DB02	P04	19	ACC	ACCP035	68	ACC/FOG_Chan4_OFF_Cmd	TRUE	FOG	06	HP_Cmd	II	NOM
PWR	DB02	P04	20	ACC	ACCP035	69	ACC/FOG_Chan4_OFF_Cmd	COMP	FOG	13	HP_Cmd	II	NOM
PWR	DB02	P04	21	SK02	SK02J05	33	EGSE/THR_20N04_Vlv_Cmd	RTN	THR_20N04	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	22	SK02	SK02J05	35	EGSE/THR_20N05_Vlv_Cmd	RTN	THR_20N05	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	23	SK02	SK02J05	37	EGSE/THR_20N06_Vlv_Cmd	RTN	THR_20N06	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	24	SK02	SK02J05	39	EGSE/THR_1N02_Vlv2_Cmd	RTN	THR_1N02	White	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	25	SK02	SK02J05	41	EGSE/THR_20N01_Vlv_Cmd	RTN	THR_20N01	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	26	SK02	SK02J05	43	EGSE/THR_20N02_Vlv_Cmd	RTN	THR_20N02	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	27	SK02	SK02J05	45	EGSE/THR_20N03_Vlv_Cmd	RTN	THR_20N03	Red	THRDV_Vlv-Cmd	II	NOM
PWR	DB02	P04	28	SK02	SK02J05	52	EGSE/THR_1N02_Vlv1_Cmd	RTN	THR_1N02	Black	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	29	SK02	SK02J05	48	EGSE/LVA_ON_Cmd	RTN	LVA	Black/White	LV_Cmd	II	NOM
PWR	DB02	P04	30	SK02	SK02J05	50	EGSE/THR_1N01_Vlv1_Cmd	RTN	THR_1N01	Black	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	31	SK02	SK02J05	55	EGSE/THR_1N01_Vlv2_Cmd	RTN	THR_1N01	White	THR1N_Vlv-Cmd	II	NOM
PWR	DB02	P04	32	SK02	SK02J05	54	EGSE/LVA_OFF_Cmd	RTN	LVA	Black	LV_Cmd	II	NOM
PWR	DB02	P04	40	SK02	SK02J08	47	LVA/EGSE_Open_Sts	ACT	LVA	White	DR_Mnt	II	NOM
PWR	DB02	P04	41	SK02	SK02J08	53	LVA/EGSE_Closed_Sts	ACT	LVA	Green/White	DR_Mnt	II	NOM
PWR	DB02	P04	43	SK02	SK02J12	34	EGSE/THR_20N12_Htr_Nom_Cmd	ACT	THR_20N12	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P04	44	SK02	SK02J12	36	EGSE/THR_1N01/02_Htr-1_Cmd	ACT	THR_1N01	Black	THR1N_Htr-Cmd	II	NOM
PWR	DB02	P04	46	SK02	SK02J13	36	EGSE/THR_1N03/04_Htr-1_Cmd	ACT	THR_1N03	Black	THR1N_Htr-Cmd	II	NOM
PWR	DB02	P04	60	SK02	SK02J08	48	LVA/EGSE_Open_Sts	RTN	LVA	Red/White	DR_Mnt	II	NOM
PWR	DB02	P04	61	SK02	SK02J08	54	LVA/EGSE_Closed_Sts	RTN	LVA	Red/White	DR_Mnt	II	NOM
PWR	DB02	P04	63	SK02	SK02J12	35	EGSE/THR_20N12_Htr_Nom_Cmd	RTN	THR_20N12	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P04	64	SK02	SK02J12	37	EGSE/THR_1N01/02_Htr-1_Cmd	RTN	THR_1N02	Blue	THR1N_Htr-Cmd	II	NOM
PWR	DB02	P04	66	SK02	SK02J13	37	EGSE/THR_1N03/04_Htr-1_Cmd	RTN	THR_1N04	Blue	THR1N_Htr-Cmd	II	NOM

6.3.5 DB02 P05 – PWR Dismountability Bracket Connector

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P05	1	SK02	SK02J12	43	EGSE/THR_20N08_Htr_Nom_Cmd	ACT	THR_20N08	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	2	SK02	SK02J12	45	EGSE/THR_20N09_Htr_Nom_Cmd	ACT	THR_20N09	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	3	SK02	SK02J12	47	EGSE/THR_20N10_Htr_Nom_Cmd	ACT	THR_20N10	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	4	SK02	SK02J12	49	EGSE/THR_20N11_Htr_Nom_Cmd	ACT	THR_20N11	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	5	SK02	SK02J12	51	EGSE/THR_20N05_Htr_Nom_Cmd	ACT	THR_20N05	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	6	SK02	SK02J12	53	EGSE/THR_20N06_Htr_Nom_Cmd	ACT	THR_20N06	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	7	SK02	SK02J12	55	EGSE/THR_20N07_Htr_Nom_Cmd	ACT	THR_20N07	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	8	SK02	SK02J12	58	EGSE/THR_20N02_Htr_Nom_Cmd	ACT	THR_20N02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	9	SK02	SK02J12	60	EGSE/THR_20N03_Htr_Nom_Cmd	ACT	THR_20N03	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	10	SK02	SK02J12	62	EGSE/THR_20N04_Htr_Nom_Cmd	ACT	THR_20N04	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	11	SK02	SK02J12	64	EGSE/THR_20N01_Htr_Nom_Cmd	ACT	THR_20N01	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	13	SK02	SK02J14	03	STR1/EGSE_ON/OFF_Sts	ACT	STR1	07	DR_Mnt	II	NOM
PWR	DB02	P05	14	SK02	SK02J14	07	EGSE/STR1_ON_Nom_Cmd	ACT	STR1	05	HP_Cmd	II	NOM
PWR	DB02	P05	15	SK02	SK02J14	08	EGSE/STR1_OFF_Nom_Cmd	ACT	STR1	14	HP_Cmd	II	NOM
PWR	DB02	P05	17	SK02	SK02J15	07	EGSE/STR2_ON_Nom_Cmd	ACT	STR2	05	HP_Cmd	II	NOM
PWR	DB02	P05	18	SK02	SK02J15	08	EGSE/STR2_OFF_Nom_Cmd	ACT	STR2	14	HP_Cmd	II	NOM
PWR	DB02	P05	21	SK02	SK02J12	44	EGSE/THR_20N08_Htr_Nom_Cmd	RTN	THR_20N08	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	22	SK02	SK02J12	46	EGSE/THR_20N09_Htr_Nom_Cmd	RTN	THR_20N09	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	23	SK02	SK02J12	48	EGSE/THR_20N10_Htr_Nom_Cmd	RTN	THR_20N10	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	24	SK02	SK02J12	57	EGSE/THR_20N11_Htr_Nom_Cmd	RTN	THR_20N11	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	25	SK02	SK02J12	52	EGSE/THR_20N05_Htr_Nom_Cmd	RTN	THR_20N05	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	26	SK02	SK02J12	54	EGSE/THR_20N06_Htr_Nom_Cmd	RTN	THR_20N06	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	27	SK02	SK02J12	56	EGSE/THR_20N07_Htr_Nom_Cmd	RTN	THR_20N07	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	28	SK02	SK02J12	59	EGSE/THR_20N02_Htr_Nom_Cmd	RTN	THR_20N02	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	29	SK02	SK02J12	61	EGSE/THR_20N03_Htr_Nom_Cmd	RTN	THR_20N03	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	30	SK02	SK02J12	63	EGSE/THR_20N04_Htr_Nom_Cmd	RTN	THR_20N04	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	31	SK02	SK02J12	65	EGSE/THR_20N01_Htr_Nom_Cmd	RTN	THR_20N01	Black	THRDV_Htr-Cmd	II	NOM
PWR	DB02	P05	33	SK02	SK02J14	04	STR1/EGSE_ON/OFF_Sts	RTN	STR1	08	DR_Mnt	II	NOM
PWR	DB02	P05	34	SK02	SK02J14	18	EGSE/STR1_ON/OFF_RTN_Nom_Cmd	RTN	STR1	06	HP_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P05	34	SK02	SK02J14	18	EGSE/STR1_ON/OFF_RTN_Nom_Cmd	RTN	STR1	06	HP_Cmd	II	NOM
PWR	DB02	P05	37	SK02	SK02J15	18	EGSE/STR2_ON/OFF_RTN_Nom_Cmd	RTN	STR2	06	HP_Cmd	II	NOM
PWR	DB02	P05	37	SK02	SK02J15	18	EGSE/STR2_ON/OFF_RTN_Nom_Cmd	RTN	STR2	06	HP_Cmd	II	NOM
PWR	DB02	P05	53	ACC	ACCP033	57	PU2/ACC_RM_A_Sep_Strap7a_Alarm_Sts	ACT	PU2	21	DR_Mnt	II	NOM
PWR	DB02	P05	54	ACC	ACCP035	09	ACC/FOG_Chan1_ON_Cmd	TRUE	FOG	05	HP_Cmd	II	NOM
PWR	DB02	P05	55	ACC	ACCP035	10	ACC/FOG_Chan1_OFF_Cmd	TRUE	FOG	06	HP_Cmd	II	NOM
PWR	DB02	P05	56	ACC	ACCP035	47	ACC/FOG_Chan3_ON_Cmd	TRUE	FOG	05	HP_Cmd	II	NOM
PWR	DB02	P05	57	ACC	ACCP035	48	ACC/FOG_Chan3_OFF_Cmd	TRUE	FOG	06	HP_Cmd	II	NOM
PWR	DB02	P05	73	ACC	ACCP033	76	PU2/ACC_RM_A_Sep_Strap7a_Alarm_Sts	RTN	PU2	22	DR_Mnt	II	NOM
PWR	DB02	P05	74	ACC	ACCP035	08	ACC/FOG_Chan1_ON_Cmd	COMP	FOG	12	HP_Cmd	II	NOM
PWR	DB02	P05	75	ACC	ACCP035	11	ACC/FOG_Chan1_OFF_Cmd	COMP	FOG	13	HP_Cmd	II	NOM
PWR	DB02	P05	76	ACC	ACCP035	46	ACC/FOG_Chan3_ON_Cmd	COMP	FOG	12	HP_Cmd	II	NOM
PWR	DB02	P05	77	ACC	ACCP035	49	ACC/FOG_Chan3_OFF_Cmd	COMP	FOG	13	HP_Cmd	II	NOM

6.3.6 DB02 P09 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P09	1	CDMU	CDMUP053	02	XPND2/CDMU_TC_Squelch	TRUE	XPND2	03	SBDL	II	RED
PWR	DB02	P09	2	CDMU	CDMUP053	03	XPND2/CDMU_TC_Clock	TRUE	XPND2	05	SBDL	II	RED
PWR	DB02	P09	3	CDMU	CDMUP053	04	XPND2/CDMU_TC_Data	TRUE	XPND2	01	SBDL	II	RED
PWR	DB02	P09	4	CDMU	CDMUP053	05	XPND2/CDMU_TC_RF_Lock	TRUE	XPND2	07	SBDL	II	RED
PWR	DB02	P09	6	CDMU	CDMUP053	06	PU2/CDMU_TC_Squelch	TRUE	PU2	34	SBDL	II	RED
PWR	DB02	P09	7	CDMU	CDMUP053	07	CDMU/XPND2_TM_Clock	TRUE	XPND2	11	SBDL	II	RED
PWR	DB02	P09	8	CDMU	CDMUP053	08	CDMU/XPND2_TM_Data	TRUE	XPND2	13	SBDL	II	RED
PWR	DB02	P09	11	CDMU	CDMUP053	44	PU2/CDMU_TC_Clock	TRUE	PU2	36	SBDL	II	RED
PWR	DB02	P09	13	CDMU	CDMUP053	45	PU2/CDMU_TC_Data	TRUE	PU2	35	SBDL	II	RED
PWR	DB02	P09	15	CDMU	CDMUP053	46	CDMU/PU2_TM_Clock	TRUE	PU2	33	SBDL	II	RED
PWR	DB02	P09	17	CDMU	CDMUP053	47	CDMU/PU2_TM_Data	TRUE	PU2	31	SBDL	II	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P09	18	CDMU	CDMUP053	19	PU1/CDMU_RM_B_Sep_Strap6a_Alarm_Sts	ACT	PU1	25	DR_Mnt	II	RED
PWR	DB02	P09	19	CDMU	CDMUP055	74	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	ACT	RFDN	06	EHP_Cmd	II	RED
PWR	DB02	P09	21	CDMU	CDMUP053	21	XPND2/CDMU_TC_Squelch	COMP	XPND2	16	SBDL	II	RED
PWR	DB02	P09	22	CDMU	CDMUP053	22	XPND2/CDMU_TC_Clock	COMP	XPND2	18	SBDL	II	RED
PWR	DB02	P09	23	CDMU	CDMUP053	23	XPND2/CDMU_TC_Data	COMP	XPND2	14	SBDL	II	RED
PWR	DB02	P09	24	CDMU	CDMUP053	24	XPND2/CDMU_TC_RF_Lock	COMP	XPND2	20	SBDL	II	RED
PWR	DB02	P09	26	CDMU	CDMUP053	25	PU2/CDMU_TC_Squelch	COMP	PU2	17	SBDL	II	RED
PWR	DB02	P09	27	CDMU	CDMUP053	26	CDMU/XPND2_TM_Clock	COMP	XPND2	23	SBDL	II	RED
PWR	DB02	P09	28	CDMU	CDMUP053	27	CDMU/XPND2_TM_Data	COMP	XPND2	25	SBDL	II	RED
PWR	DB02	P09	31	CDMU	CDMUP053	64	PU2/CDMU_TC_Clock	COMP	PU2	19	SBDL	II	RED
PWR	DB02	P09	33	CDMU	CDMUP053	65	PU2/CDMU_TC_Data	COMP	PU2	18	SBDL	II	RED
PWR	DB02	P09	35	CDMU	CDMUP053	66	CDMU/PU2_TM_Clock	COMP	PU2	32	SBDL	II	RED
PWR	DB02	P09	37	CDMU	CDMUP053	67	CDMU/PU2_TM_Data	COMP	PU2	52	SBDL	II	RED
PWR	DB02	P09	38	CDMU	CDMUP053	38	PU1/CDMU_RM_B_Sep_Strap6a_Alarm_Sts	RTN	PU1	26	DR_Mnt	II	RED
PWR	DB02	P09	39	CDMU	CDMUP055	72	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	RTN	RFDN	14	EHP_Cmd	II	RED
PWR	DB02	P09	40	CDMU	CDMUP055	12	CDMU/EPC1_TWTA_OFF_Red_Cmd	ACT	EPC1	07	HP_Cmd	II	RED
PWR	DB02	P09	41	CDMU	CDMUP055	13	CDMU/EPC1_EPC_ON_Red_Cmd	ACT	EPC1	15	HP_Cmd	II	RED
PWR	DB02	P09	42	CDMU	CDMUP055	15	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	ACT	RFDN	13	EHP_Cmd	II	RED
PWR	DB02	P09	43	CDMU	CDMUP055	16	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	ACT	RFDN	06	EHP_Cmd	II	RED
PWR	DB02	P09	44	CDMU	CDMUP055	28	CDMU/XPND1_Tx_ON_Red_Cmd	ACT	XPND1	04	HP_Cmd	II	RED
PWR	DB02	P09	45	CDMU	CDMUP055	31	CDMU/EPC2_TWTA_ON_Red_Cmd	ACT	EPC2	08	HP_Cmd	II	RED
PWR	DB02	P09	46	CDMU	CDMUP055	30	CDMU/EPC1_EPC_OFF_Red_Cmd	ACT	EPC1	14	HP_Cmd	II	RED
PWR	DB02	P09	47	CDMU	CDMUP055	33	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	ACT	RFDN	13	EHP_Cmd	II	RED
PWR	DB02	P09	48	CDMU	CDMUP055	34	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	ACT	RFDN	06	EHP_Cmd	II	RED
PWR	DB02	P09	49	CDMU	CDMUP055	47	CDMU/XPND1_Tx_OFF_Red_Cmd	ACT	XPND1	05	HP_Cmd	II	RED
PWR	DB02	P09	50	CDMU	CDMUP055	48	CDMU/XPND2_Tx_ON_Red_Cmd	ACT	XPND2	04	HP_Cmd	II	RED
PWR	DB02	P09	51	CDMU	CDMUP055	50	CDMU/EPC2_TWTA_OFF_Red_Cmd	ACT	EPC2	07	HP_Cmd	II	RED
PWR	DB02	P09	52	CDMU	CDMUP055	51	CDMU/EPC2_EPC_ON_Red_Cmd	ACT	EPC2	15	HP_Cmd	II	RED
PWR	DB02	P09	53	CDMU	CDMUP055	54	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	ACT	RFDN	06	EHP_Cmd	II	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P09	54	CDMU	CDMUP055	53	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	ACT	RFDN	13	EHP_Cmd	II	RED
PWR	DB02	P09	55	CDMU	CDMUP055	67	CDMU/XPND2_Tx_OFF_Red_Cmd	ACT	XPND2	05	HP_Cmd	II	RED
PWR	DB02	P09	56	CDMU	CDMUP055	68	CDMU/EPC1_TWTA_ON_Red_Cmd	ACT	EPC1	08	HP_Cmd	II	RED
PWR	DB02	P09	57	CDMU	CDMUP055	69	CDMU/EPC2_EPC_OFF_Red_Cmd	RTN	EPC2	13	HP_Cmd	II	RED
PWR	DB02	P09	58	CDMU	CDMUP055	73	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	ACT	RFDN	13	EHP_Cmd	II	RED
PWR	DB02	P09	60	CDMU	CDMUP055	11	CDMU/EPC1_TWTA_OFF_Red_Cmd	RTN	EPC1	06	HP_Cmd	II	RED
PWR	DB02	P09	61	CDMU	CDMUP055	14	CDMU/EPC1_EPC_ON_Red_Cmd	RTN	EPC1	13	HP_Cmd	II	RED
PWR	DB02	P09	62	CDMU	CDMUP055	14	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	RTN	RFDN	10	EHP_Cmd	II	RED
PWR	DB02	P09	63	CDMU	CDMUP055	17	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	RTN	RFDN	14	EHP_Cmd	II	RED
PWR	DB02	P09	64	CDMU	CDMUP055	26	CDMU/XPND1_Tx_ON_Red_Cmd	RTN	XPND1	12	HP_Cmd	II	RED
PWR	DB02	P09	65	CDMU	CDMUP055	29	CDMU/EPC2_TWTA_ON_Red_Cmd	RTN	EPC2	06	HP_Cmd	II	RED
PWR	DB02	P09	66	CDMU	CDMUP055	29	CDMU/EPC1_EPC_OFF_Red_Cmd	RTN	EPC1	13	HP_Cmd	II	RED
PWR	DB02	P09	67	CDMU	CDMUP055	32	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	RTN	RFDN	10	EHP_Cmd	II	RED
PWR	DB02	P09	68	CDMU	CDMUP055	32	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	RTN	RFDN	14	EHP_Cmd	II	RED
PWR	DB02	P09	69	CDMU	CDMUP055	46	CDMU/XPND1_Tx_OFF_Red_Cmd	RTN	XPND1	12	HP_Cmd	II	RED
PWR	DB02	P09	70	CDMU	CDMUP055	49	CDMU/XPND2_Tx_ON_Red_Cmd	RTN	XPND2	12	HP_Cmd	II	RED
PWR	DB02	P09	71	CDMU	CDMUP055	49	CDMU/EPC2_TWTA_OFF_Red_Cmd	RTN	EPC2	06	HP_Cmd	II	RED
PWR	DB02	P09	72	CDMU	CDMUP055	52	CDMU/EPC2_EPC_ON_Red_Cmd	RTN	EPC2	13	HP_Cmd	II	RED
PWR	DB02	P09	73	CDMU	CDMUP055	52	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	RTN	RFDN	14	EHP_Cmd	II	RED
PWR	DB02	P09	74	CDMU	CDMUP055	52	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	RTN	RFDN	10	EHP_Cmd	II	RED
PWR	DB02	P09	75	CDMU	CDMUP055	66	CDMU/XPND2_Tx_OFF_Red_Cmd	RTN	XPND2	12	HP_Cmd	II	RED
PWR	DB02	P09	76	CDMU	CDMUP055	69	CDMU/EPC1_TWTA_ON_Red_Cmd	RTN	EPC1	06	HP_Cmd	II	RED
PWR	DB02	P09	77	CDMU	CDMUP055	70	CDMU/EPC2_EPC_OFF_Red_Cmd	ACT	EPC2	14	HP_Cmd	II	RED
PWR	DB02	P09	78	CDMU	CDMUP055	72	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	RTN	RFDN	10	EHP_Cmd	II	RED

6.3.7 DB02 P10 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P10	1	CDMU	CDMUP083	26	RFDN/CDMU_TM_SW4_Pos1_Sts	ACT	RFDN	RFDNP12	01	DR_Mnt	II	RED
PWR	DB02	P10	2	CDMU	CDMUP083	46	RFDN/CDMU_TM_SW3_Pos1_Sts	ACT	RFDN	RFDNP11	01	DR_Mnt	II	RED
PWR	DB02	P10	3	CDMU	CDMUP093	29	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	ACT	XPND2	XPND2P05	03	HL_Cmd	II	RED
PWR	DB02	P10	4	CDMU	CDMUP091	21	EPC2/CDMU_TWTA_ON/OFF_Sts	ACT	EPC2	EPC2P01	30	DB_Mnt	II	RED
PWR	DB02	P10	5	CDMU	CDMUP091	61	EPC2/CDMU_EPC_ON/OFF_Sts	ACT	EPC2	EPC2P01	10	DB_Mnt	II	RED
PWR	DB02	P10	6	CDMU	CDMUP093	31	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	ACT	XPND2	XPND2P05	07	HL_Cmd	II	RED
PWR	DB02	P10	7	CDMU	CDMUP093	16	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	ACT	XPND2	XPND2P08	21	DB_Mnt	II	RED
PWR	DB02	P10	8	CDMU	CDMUP093	19	CDMU/PSR4_Sync	ACT	PSR4	PSR4P21	5	LOBT_Sync	II	RED
PWR	DB02	P10	9	CDMU	CDMUP093	26	RFDN/CDMU_TM_SW4_Pos2_Sts	ACT	RFDN	RFDNP12	02	DR_Mnt	II	RED
PWR	DB02	P10	10	CDMU	CDMUP093	28	XPND2/CDMU_Tx_ON/OFF_Sts	ACT	XPND2	XPND2P08	07	DR_Mnt	II	RED
PWR	DB02	P10	11	CDMU	CDMUP093	38	CDMU/PLRER_LFI-REBA_Red_Sync	ACT	PLRER	PLRERP12	4	LOBT_Sync	II	RED
PWR	DB02	P10	12	CDMU	CDMUP093	46	RFDN/CDMU_TM_SW3_Pos2_Sts	ACT	RFDN	RFDNP11	02	DR_Mnt	II	RED
PWR	DB02	P10	14	CDMU	CDMUP093	59	CDMU/PLBEU_LFI-DAE_Red_Sync	ACT	PLBEU	PLBEUJ04	1	LOBT_Sync	II	RED
PWR	DB02	P10	15	CDMU	CDMUP093	76	EPC2/CDMU_ARU_Sts	ACT	EPC2	EPC2P01	28	DB_Mnt	II	RED
PWR	DB02	P10	16	CDMU	CDMUP093	78	CDMU/PHBAR_Sync	ACT	PHBAR	PHBARP15	02	LOBT_Sync	II	RED
PWR	DB02	P10	17	CDMU	CDMUP125	56	CDMU/XPND1_Rx_RateSelection_4KBps_Red_Cmd	ACT	XPND1	XPND1P05	03	HL_Cmd	II	RED
PWR	DB02	P10	19	CDMU	CDMUP125	58	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	ACT	XPND1	XPND1P05	07	HL_Cmd	II	RED
PWR	DB02	P10	21	CDMU	CDMUP083	25	RFDN/CDMU_TM_SW4_Pos1_Sts	RTN	RFDN	RFDNP12	03	DR_Mnt	II	RED
PWR	DB02	P10	22	CDMU	CDMUP083	45	RFDN/CDMU_TM_SW3_Pos1_Sts	RTN	RFDN	RFDNP11	03	DR_Mnt	II	RED
PWR	DB02	P10	23	CDMU	CDMUP093	30	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	RTN	XPND2	XPND2P05	11	HL_Cmd	II	RED
PWR	DB02	P10	24	CDMU	CDMUP091	01	EPC2/CDMU_TWTA_ON/OFF_Sts	RTN	EPC2	EPC2P01	09	DB_Mnt	II	RED
PWR	DB02	P10	25	CDMU	CDMUP091	41	EPC2/CDMU_EPC_ON/OFF_Sts	RTN	EPC2	EPC2P01	09	DB_Mnt	II	RED
PWR	DB02	P10	26	CDMU	CDMUP093	30	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	RTN	XPND2	XPND2P05	11	HL_Cmd	II	RED
PWR	DB02	P10	27	CDMU	CDMUP093	15	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	RTN	XPND2	XPND2P08	22	DB_Mnt	II	RED
PWR	DB02	P10	28	CDMU	CDMUP093	18	CDMU/PSR4_Sync	RTN	PSR4	PSR4P21	9	LOBT_Sync	II	RED
PWR	DB02	P10	29	CDMU	CDMUP093	25	RFDN/CDMU_TM_SW4_Pos2_Sts	RTN	RFDN	RFDNP12	03	DR_Mnt	II	RED
PWR	DB02	P10	30	CDMU	CDMUP093	27	XPND2/CDMU_Tx_ON/OFF_Sts	RTN	XPND2	XPND2P08	20	DR_Mnt	II	RED
PWR	DB02	P10	31	CDMU	CDMUP093	37	CDMU/PLRER_LFI-REBA_Red_Sync	RTN	PLRER	PLRERP12	5	LOBT_Sync	II	RED
PWR	DB02	P10	32	CDMU	CDMUP093	45	RFDN/CDMU_TM_SW3_Pos2_Sts	RTN	RFDN	RFDNP11	03	DR_Mnt	II	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P10	34	CDMU	CDMUP093	58	CDMU/PLBEU_LFI-DAE_Red_Sync	RTN	PLBEU	PLBEUJ04	6	LOBT_Sync	II	RED
PWR	DB02	P10	35	CDMU	CDMUP093	75	EPC2/CDMU_ARU_Sts	RTN	EPC2	EPC2P01	09	DB_Mnt	II	RED
PWR	DB02	P10	36	CDMU	CDMUP093	77	CDMU/PHBAR_Sync	RTN	PHBAR	PHBARP15	06	LOBT_Sync	II	RED
PWR	DB02	P10	37	CDMU	CDMUP125	57	CDMU/XPND1_Rx_RateSelection_4KBps_Red_Cmd	RTN	XPND1	XPND1P05	11	HL_Cmd	II	RED
PWR	DB02	P10	39	CDMU	CDMUP125	57	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	RTN	XPND1	XPND1P05	11	HL_Cmd	II	RED
PWR	DB02	P10	40	CDMU	CDMUP125	78	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	ACT	XPND2	XPND2P04	11	HL_Cmd	II	RED
PWR	DB02	P10	41	CDMU	CDMUP125	76	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	ACT	XPND2	XPND2P04	10	HL_Cmd	II	RED
PWR	DB02	P10	44	PCDU	PCDUP18	02	PU2/PCDU_Charge_Array_Disable_Cmd	ACT	PU2	PU2J01	08	HL_Cmd	II	RED
PWR	DB02	P10	46	SK02	SK02J06	32	EGSE/THR_20N10_Vlv_Cmd	ACT	THR_20N10	THR_20N10P01	Yellow	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	47	SK02	SK02J06	34	EGSE/THR_20N11_Vlv_Cmd	ACT	THR_20N11	THR_20N11P01	Yellow	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	48	SK02	SK02J06	36	EGSE/THR_20N12_Vlv_Cmd	ACT	THR_20N12	THR_20N12P01	Yellow	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	49	SK02	SK02J06	38	EGSE/THR_1N04_Vlv2_Cmd	ACT	THR_1N04	THR_1N04P01	Blue	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	50	SK02	SK02J06	40	EGSE/THR_20N07_Vlv_Cmd	ACT	THR_20N07	THR_20N07P01	Yellow	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	51	SK02	SK02J06	42	EGSE/THR_20N08_Vlv_Cmd	ACT	THR_20N08	THR_20N08P01	Yellow	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	52	SK02	SK02J06	44	EGSE/THR_20N09_Vlv_Cmd	ACT	THR_20N09	THR_20N09P01	Yellow	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	53	SK02	SK02J06	46	EGSE/THR_1N04_Vlv1_Cmd	ACT	THR_1N04	THR_1N04P01	Red	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	54	SK02	SK02J06	47	EGSE/LVB_ON_Cmd	ACT	LVB	LVBP01	White	LV_Cmd	II	RED
PWR	DB02	P10	55	SK02	SK02J06	49	EGSE/THR_1N03_Vlv1_Cmd	ACT	THR_1N03	THR_1N03P01	Red	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	56	SK02	SK02J06	51	EGSE/THR_1N03_Vlv2_Cmd	ACT	THR_1N03	THR_1N03P01	Blue	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	57	SK02	SK02J06	53	EGSE/LVB_OFF_Cmd	ACT	LVB	LVBP01	Red	LV_Cmd	II	RED
PWR	DB02	P10	60	CDMU	CDMUP125	77	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	RTN	XPND2	XPND2P04	07	HL_Cmd	II	RED
PWR	DB02	P10	61	CDMU	CDMUP125	77	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	RTN	XPND2	XPND2P04	07	HL_Cmd	II	RED
PWR	DB02	P10	64	PCDU	PCDUP18	15	PU2/PCDU_Charge_Array_Disable_Cmd	RTN	PU2	PU2J01	09	HL_Cmd	II	RED
PWR	DB02	P10	66	SK02	SK02J06	33	EGSE/THR_20N10_Vlv_Cmd	RTN	THR_20N10	THR_20N10P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	67	SK02	SK02J06	35	EGSE/THR_20N11_Vlv_Cmd	RTN	THR_20N11	THR_20N11P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	68	SK02	SK02J06	37	EGSE/THR_20N12_Vlv_Cmd	RTN	THR_20N12	THR_20N12P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	69	SK02	SK02J06	39	EGSE/THR_1N04_Vlv2_Cmd	RTN	THR_1N04	THR_1N04P01	White	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	70	SK02	SK02J06	41	EGSE/THR_20N07_Vlv_Cmd	RTN	THR_20N07	THR_20N07P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	71	SK02	SK02J06	43	EGSE/THR_20N08_Vlv_Cmd	RTN	THR_20N08	THR_20N08P01	Red	THRDV_Vlv-Cmd	II	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P10	72	SK02	SK02J06	45	EGSE/THR_20N09_Vlv_Cmd	RTN	THR_20N09	THR_20N09P01	Red	THRDV_Vlv-Cmd	II	RED
PWR	DB02	P10	73	SK02	SK02J06	52	EGSE/THR_1N04_Vlv1_Cmd	RTN	THR_1N04	THR_1N04P01	Black	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	74	SK02	SK02J06	48	EGSE/LVB_ON_Cmd	RTN	LVB	LVBP01	Bl/Wh	LV_Cmd	II	RED
PWR	DB02	P10	75	SK02	SK02J06	50	EGSE/THR_1N03_Vlv1_Cmd	RTN	THR_1N03	THR_1N03P01	Black	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	76	SK02	SK02J06	55	EGSE/THR_1N03_Vlv2_Cmd	RTN	THR_1N03	THR_1N03P01	White	THR1N_Vlv-Cmd	II	RED
PWR	DB02	P10	77	SK02	SK02J06	54	EGSE/LVB_OFF_Cmd	RTN	LVB	LVBP01	Black	LV_Cmd	II	RED

6.3.8 DB02 P11 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P11	1	SK02	SK02J11	47	LVB/EGSE_Open_Sts	ACT	LVB	White	DR_Mnt	II	RED
PWR	DB02	P11	2	SK02	SK02J11	53	LVB/EGSE_Closed_Sts	ACT	LVB	Green/White	DR_Mnt	II	RED
PWR	DB02	P11	4	SK02	SK02J13	34	EGSE/THR_20N12_Htr_Red_Cmd	ACT	THR_20N12	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	5	SK02	SK02J13	43	EGSE/THR_20N08_Htr_Red_Cmd	ACT	THR_20N08	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	6	SK02	SK02J13	45	EGSE/THR_20N09_Htr_Red_Cmd	ACT	THR_20N09	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	7	SK02	SK02J13	47	EGSE/THR_20N10_Htr_Red_Cmd	ACT	THR_20N10	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	8	SK02	SK02J13	49	EGSE/THR_20N11_Htr_Red_Cmd	ACT	THR_20N11	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	9	SK02	SK02J13	51	EGSE/THR_20N05_Htr_Red_Cmd	ACT	THR_20N05	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	10	SK02	SK02J13	53	EGSE/THR_20N06_Htr_Red_Cmd	ACT	THR_20N06	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	11	SK02	SK02J13	55	EGSE/THR_20N07_Htr_Red_Cmd	ACT	THR_20N07	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	12	SK02	SK02J13	58	EGSE/THR_20N02_Htr_Red_Cmd	ACT	THR_20N02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	13	SK02	SK02J13	60	EGSE/THR_20N03_Htr_Red_Cmd	ACT	THR_20N03	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	14	SK02	SK02J13	62	EGSE/THR_20N04_Htr_Red_Cmd	ACT	THR_20N04	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	15	SK02	SK02J13	64	EGSE/THR_20N01_Htr_Red_Cmd	ACT	THR_20N01	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	17	SK02	SK02J12	38	EGSE/THR_1N01/02_Htr-2_Cmd	ACT	THR_1N01	Red	THR1N_Htr-Cmd	II	RED
PWR	DB02	P11	18	SK02	SK02J13	38	EGSE/THR_1N03/04_Htr-2_Cmd	ACT	THR_1N03	Red	THR1N_Htr-Cmd	II	RED
PWR	DB02	P11	21	SK02	SK02J11	48	LVB/EGSE_Open_Sts	RTN	LVB	Red/White	DR_Mnt	II	RED
PWR	DB02	P11	22	SK02	SK02J11	54	LVB/EGSE_Closed_Sts	RTN	LVB	Red/White	DR_Mnt	II	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P11	24	SK02	SK02J13	35	EGSE/THR_20N12_Htr_Red_Cmd	RTN	THR_20N12	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	25	SK02	SK02J13	44	EGSE/THR_20N08_Htr_Red_Cmd	RTN	THR_20N08	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	26	SK02	SK02J13	46	EGSE/THR_20N09_Htr_Red_Cmd	RTN	THR_20N09	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	27	SK02	SK02J13	48	EGSE/THR_20N10_Htr_Red_Cmd	RTN	THR_20N10	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	28	SK02	SK02J13	57	EGSE/THR_20N11_Htr_Red_Cmd	RTN	THR_20N11	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	29	SK02	SK02J13	52	EGSE/THR_20N05_Htr_Red_Cmd	RTN	THR_20N05	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	30	SK02	SK02J13	54	EGSE/THR_20N06_Htr_Red_Cmd	RTN	THR_20N06	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	31	SK02	SK02J13	56	EGSE/THR_20N07_Htr_Red_Cmd	RTN	THR_20N07	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	32	SK02	SK02J13	59	EGSE/THR_20N02_Htr_Red_Cmd	RTN	THR_20N02	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	33	SK02	SK02J13	61	EGSE/THR_20N03_Htr_Red_Cmd	RTN	THR_20N03	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	34	SK02	SK02J13	63	EGSE/THR_20N04_Htr_Red_Cmd	RTN	THR_20N04	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	35	SK02	SK02J13	65	EGSE/THR_20N01_Htr_Red_Cmd	RTN	THR_20N01	Black	THRDV_Htr-Cmd	II	RED
PWR	DB02	P11	37	SK02	SK02J12	39	EGSE/THR_1N01/02_Htr-2_Cmd	RTN	THR_1N02	Green	THR1N_Htr-Cmd	II	RED
PWR	DB02	P11	38	SK02	SK02J13	39	EGSE/THR_1N03/04_Htr-2_Cmd	RTN	THR_1N04	Green	THR1N_Htr-Cmd	II	RED
PWR	DB02	P11	40	ACC	ACCP045	08	ACC/FOG_Chan1_ON_Cmd_Red	COMP	FOG	12	HP_Cmd	II	RED
PWR	DB02	P11	41	ACC	ACCP045	09	ACC/FOG_Chan1_ON_Cmd_Red	TRUE	FOG	05	HP_Cmd	II	RED
PWR	DB02	P11	42	ACC	ACCP045	10	ACC/FOG_Chan1_OFF_Cmd_Red	TRUE	FOG	06	HP_Cmd	II	RED
PWR	DB02	P11	43	ACC	ACCP045	11	ACC/FOG_Chan1_OFF_Cmd_Red	COMP	FOG	13	HP_Cmd	II	RED
PWR	DB02	P11	44	ACC	ACCP045	46	ACC/FOG_Chan3_ON_Cmd_Red	COMP	FOG	12	HP_Cmd	II	RED
PWR	DB02	P11	45	ACC	ACCP045	47	ACC/FOG_Chan3_ON_Cmd_Red	TRUE	FOG	05	HP_Cmd	II	RED
PWR	DB02	P11	46	ACC	ACCP045	48	ACC/FOG_Chan3_OFF_Cmd_Red	TRUE	FOG	06	HP_Cmd	II	RED
PWR	DB02	P11	47	ACC	ACCP045	49	ACC/FOG_Chan3_OFF_Cmd_Red	COMP	FOG	13	HP_Cmd	II	RED

6.3.9 DB02 P12 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P12	1	SK02	SK02J14	13	EGSE/STR1_ON_Red_Cmd	ACT	STR1	05	HP_Cmd	II	RED
PWR	DB02	P12	2	SK02	SK02J14	14	EGSE/STR1_OFF_Red_Cmd	ACT	STR1	14	HP_Cmd	II	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB02	P12	4	SK02	SK02J15	03	STR2/EGSE_ON/OFF_Sts	ACT	STR2	07	DR_Mnt	II	RED
PWR	DB02	P12	5	SK02	SK02J15	13	EGSE/STR2_ON_Red_Cmd	ACT	STR2	05	HP_Cmd	II	RED
PWR	DB02	P12	6	SK02	SK02J15	14	EGSE/STR2_OFF_Red_Cmd	ACT	STR2	14	HP_Cmd	II	RED
PWR	DB02	P12	21	SK02	SK02J14	21	EGSE/STR1_ON/OFF_RTN_Red_Cmd	RTN	STR1	15	HP_Cmd	II	RED
PWR	DB02	P12	21	SK02	SK02J14	21	EGSE/STR1_ON/OFF_RTN_Red_Cmd	RTN	STR1	15	HP_Cmd	II	RED
PWR	DB02	P12	24	SK02	SK02J15	04	STR2/EGSE_ON/OFF_Sts	RTN	STR2	08	DR_Mnt	II	RED
PWR	DB02	P12	25	SK02	SK02J15	21	EGSE/STR2_ON/OFF_RTN_Red_Cmd	RTN	STR2	15	HP_Cmd	II	RED
PWR	DB02	P12	25	SK02	SK02J15	21	EGSE/STR2_ON/OFF_RTN_Red_Cmd	RTN	STR2	15	HP_Cmd	II	RED
PWR	DB02	P12	43	ACC	ACCP045	27	ACC/FOG_Chan2_ON_Cmd_Red	TRUE	FOG	05	HP_Cmd	II	RED
PWR	DB02	P12	44	ACC	ACCP045	28	ACC/FOG_Chan2_OFF_Cmd_Red	TRUE	FOG	06	HP_Cmd	II	RED
PWR	DB02	P12	45	ACC	ACCP045	67	ACC/FOG_Chan4_ON_Cmd_Red	TRUE	FOG	05	HP_Cmd	II	RED
PWR	DB02	P12	46	ACC	ACCP045	68	ACC/FOG_Chan4_OFF_Cmd_Red	TRUE	FOG	06	HP_Cmd	II	RED
PWR	DB02	P12	48	ACC	ACCP043	57	PU2/ACC_RM_B_Sep_Strap8a_Alarm_Sts	ACT	PU2	25	DR_Mnt	II	RED
PWR	DB02	P12	49	ACC	ACCP061	44	PU2/ACC_Sep_Strap3b_Sts	ACT	PU2	13	DR_Mnt	II	RED
PWR	DB02	P12	50	ACC	ACCP071	44	PU2/ACC_Sep_Strap4b_Sts	ACT	PU2	47	DR_Mnt	II	RED
PWR	DB02	P12	63	ACC	ACCP045	26	ACC/FOG_Chan2_ON_Cmd_Red	COMP	FOG	12	HP_Cmd	II	RED
PWR	DB02	P12	64	ACC	ACCP045	29	ACC/FOG_Chan2_OFF_Cmd_Red	COMP	FOG	13	HP_Cmd	II	RED
PWR	DB02	P12	65	ACC	ACCP045	66	ACC/FOG_Chan4_ON_Cmd_Red	COMP	FOG	12	HP_Cmd	II	RED
PWR	DB02	P12	66	ACC	ACCP045	69	ACC/FOG_Chan4_OFF_Cmd_Red	COMP	FOG	13	HP_Cmd	II	RED
PWR	DB02	P12	68	ACC	ACCP043	76	PU2/ACC_RM_B_Sep_Strap8a_Alarm_Sts	RTN	PU2	26	DR_Mnt	II	RED
PWR	DB02	P12	69	ACC	ACCP061	64	PU2/ACC_Sep_Strap3b_Sts	RTN	PU2	27	DR_Mnt	II	RED
PWR	DB02	P12	70	ACC	ACCP071	64	PU2/ACC_Sep_Strap4b_Sts	RTN	PU2	48	DR_Mnt	II	RED

6.4 DB21A – PWR Dismountability Bracket Connectors

6.4.1 DB21A P01 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional name	Extension	Device Name 1	Pin 1	Signal_Type	EMC	N/R
PWR	DB21A	P01	1	ACC	ACCP061	15	EGSE/ACC CRS1_Therm_Mnt	ACT	SK05	19	Therm	IV	NOM
PWR	DB21A	P01	4	ACC	ACCP063	02	EGSE/ACC SAS1_PH1_Nom_Mnt	ACT	SK05	01	SAS_Mnt	IV	NOM
PWR	DB21A	P01	5	ACC	ACCP063	03	EGSE/ACC SAS1_PH3_Nom_Mnt	ACT	SK05	05	SAS_Mnt	IV	NOM
PWR	DB21A	P01	6	ACC	ACCP063	05	EGSE/ACC SAS2_PH1_Nom_Mnt	ACT	SK05	17	SAS_Mnt	IV	NOM
PWR	DB21A	P01	7	ACC	ACCP063	06	EGSE/ACC SAS2_PH3_Nom_Mnt	ACT	SK05	13	SAS_Mnt	IV	NOM
PWR	DB21A	P01	9	ACC	ACCP063	41	EGSE/ACC SAS1_PH2_Nom_Mnt	ACT	SK05	03	SAS_Mnt	IV	NOM
PWR	DB21A	P01	10	ACC	ACCP063	42	EGSE/ACC SAS1_PH4_Nom_Mnt	ACT	SK05	07	SAS_Mnt	IV	NOM
PWR	DB21A	P01	11	ACC	ACCP063	44	EGSE/ACC SAS2_PH2_Nom_Mnt	ACT	SK05	15	SAS_Mnt	IV	NOM
PWR	DB21A	P01	12	ACC	ACCP063	45	EGSE/ACC SAS2_PH4_Nom_Mnt	ACT	SK05	11	SAS_Mnt	IV	NOM
PWR	DB21A	P01	15	ACC	ACCP071	15	EGSE/ACC CRS3_Therm_Mnt	ACT	SK05	19	Therm	IV	NOM
PWR	DB21A	P01	21	ACC	ACCP061	35	EGSE/ACC CRS1_Therm_Mnt	RTN	SK05	20	Therm	IV	NOM
PWR	DB21A	P01	24	ACC	ACCP063	22	EGSE/ACC SAS1_PH1_Nom_Mnt	RTN	SK05	02	SAS_Mnt	IV	NOM
PWR	DB21A	P01	25	ACC	ACCP063	23	EGSE/ACC SAS1_PH3_Nom_Mnt	RTN	SK05	06	SAS_Mnt	IV	NOM
PWR	DB21A	P01	26	ACC	ACCP063	25	EGSE/ACC SAS2_PH1_Nom_Mnt	RTN	SK05	18	SAS_Mnt	IV	NOM
PWR	DB21A	P01	27	ACC	ACCP063	26	EGSE/ACC SAS2_PH3_Nom_Mnt	RTN	SK05	14	SAS_Mnt	IV	NOM
PWR	DB21A	P01	29	ACC	ACCP063	61	EGSE/ACC SAS1_PH2_Nom_Mnt	RTN	SK05	04	SAS_Mnt	IV	NOM
PWR	DB21A	P01	30	ACC	ACCP063	62	EGSE/ACC SAS1_PH4_Nom_Mnt	RTN	SK05	08	SAS_Mnt	IV	NOM
PWR	DB21A	P01	31	ACC	ACCP063	64	EGSE/ACC SAS2_PH2_Nom_Mnt	RTN	SK05	16	SAS_Mnt	IV	NOM
PWR	DB21A	P01	32	ACC	ACCP063	65	EGSE/ACC SAS2_PH4_Nom_Mnt	RTN	SK05	12	SAS_Mnt	IV	NOM
PWR	DB21A	P01	35	ACC	ACCP071	35	EGSE/ACC CRS3_Therm_Mnt	RTN	SK05	20	Therm	IV	NOM
PWR	DB21A	P01	40	ACC	ACCP133	01	EGSE/ACC CRS1_Ang_X_Meas	ACT	SK05	14	CRS_Meas	IV	NOM
PWR	DB21A	P01	41	ACC	ACCP133	02	EGSE/ACC CRS1_Ang_Y_Meas	ACT	SK05	11	CRS_Meas	IV	NOM
PWR	DB21A	P01	42	ACC	ACCP133	03	EGSE/ACC CRS1_Ang_Z_Meas	ACT	SK05	10	CRS_Meas	IV	NOM
PWR	DB21A	P01	43	ACC	ACCP133	04	EGSE/ACC CRS3_Ang_X_Meas	ACT	SK05	14	CRS_Meas	IV	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P01	44	ACC	ACCP133	05	EGSE/ACC CRS3_Ang_Y_Meas	ACT	SK05	11	CRS_Meas	IV	NOM
PWR	DB21A	P01	45	ACC	ACCP133	11	EGSE/ACC CRS3_Ang_Z_Meas	ACT	SK05	10	CRS_Meas	IV	NOM
PWR	DB21A	P01	46	ACC	ACCP133	13	EGSE/ACC +X_nominal_Mnt	ACT	SK05	4	AAD_Mnt	IV	NOM
PWR	DB21A	P01	48	CDMU	CDMUP081	11	CBPLM/CDMU_CRN_Groove-3_WaveGuide-1_Nom_Mnt	ACT	CBPLM	22	CR-N	IV	NOM
PWR	DB21A	P01	49	CDMU	CDMUP081	13	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-1_Nom_Mnt	ACT	CBPLM	03	CR-W	IV	NOM
PWR	DB21A	P01	50	CDMU	CDMUP081	17	XPND1/CDMU_Rx1_PLL_SPE_Mnt	ACT	XPND1	10	An_Mnt	IV	NOM
PWR	DB21A	P01	51	CDMU	CDMUP081	19	EPC1/CDMU_Anode_Voltage_Mnt	ACT	EPC1	16	An_Mnt	IV	NOM
PWR	DB21A	P01	52	CDMU	CDMUP081	30	CBPLM/CDMU_CRN_Groove-3_SC_HeatExc-2_Nom_Mnt	ACT	CBPLM	05	CR-N	IV	NOM
PWR	DB21A	P01	53	CDMU	CDMUP081	32	CBPLM/CDMU_CRW_Groove-1_External_Nom_Mnt	ACT	CBPLM	34	CR-W	IV	NOM
PWR	DB21A	P01	54	CDMU	CDMUP081	34	SA2/CDMU_CRS_Temp_Mnt	ACT	CBSA12	15	CR-S	IV	NOM
PWR	DB21A	P01	55	CDMU	CDMUP081	36	XPND1/CDMU_Rx1_AGC_Level_Mnt	ACT	XPND1	09	An_Mnt	IV	NOM
PWR	DB21A	P01	56	CDMU	CDMUP081	38	XPND1/CDMU_Pout_Mnt	ACT	XPND1	05	An_Mnt	IV	NOM
PWR	DB21A	P01	57	CDMU	CDMUP081	49	CBPLM/CDMU_CRN_Groove-3_OpticalCavity_Nom_Mnt	ACT	CBPLM	07	CR-N	IV	NOM
PWR	DB21A	P01	58	CDMU	CDMUP081	51	CBPLM/CDMU_CRN_Groove-3_SC_HeatExc-1_Nom_Mnt	ACT	CBPLM	36	CR-N	IV	NOM
PWR	DB21A	P01	60	ACC	ACCP133	06	EGSE/ACC CRS1_Ang_X_Meas	RTN	SK05	13	CRS_Meas	IV	NOM
PWR	DB21A	P01	61	ACC	ACCP133	07	EGSE/ACC CRS1_Ang_Y_Meas	RTN	SK05	12	CRS_Meas	IV	NOM
PWR	DB21A	P01	62	ACC	ACCP133	08	EGSE/ACC CRS1_Ang_Z_Meas	RTN	SK05	09	CRS_Meas	IV	NOM
PWR	DB21A	P01	63	ACC	ACCP133	09	EGSE/ACC CRS3_Ang_X_Meas	RTN	SK05	13	CRS_Meas	IV	NOM
PWR	DB21A	P01	64	ACC	ACCP133	10	EGSE/ACC CRS3_Ang_Y_Meas	RTN	SK05	12	CRS_Meas	IV	NOM
PWR	DB21A	P01	65	ACC	ACCP133	12	EGSE/ACC CRS3_Ang_Z_Meas	RTN	SK05	09	CRS_Meas	IV	NOM
PWR	DB21A	P01	66	ACC	ACCP133	14	EGSE/ACC +X_nominal_Mnt	RTN	SK05	3	AAD_Mnt	IV	NOM
PWR	DB21A	P01	68	CDMU	CDMUP081	10	CBPLM/CDMU_CRN_Groove-3_WaveGuide-1_Nom_Mnt	RTN	CBPLM	23	CR-N	IV	NOM
PWR	DB21A	P01	69	CDMU	CDMUP081	12	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-1_Nom_Mnt	RTN	CBPLM	04	CR-W	IV	NOM
PWR	DB21A	P01	70	CDMU	CDMUP081	16	XPND1/CDMU_Rx1_PLL_SPE_Mnt	RTN	XPND1	06	An_Mnt	IV	NOM
PWR	DB21A	P01	71	CDMU	CDMUP081	18	EPC1/CDMU_Anode_Voltage_Mnt	RTN	EPC1	35	An_Mnt	IV	NOM
PWR	DB21A	P01	72	CDMU	CDMUP081	29	CBPLM/CDMU_CRN_Groove-3_SC_HeatExc-2_Nom_Mnt	RTN	CBPLM	06	CR-N	IV	NOM
PWR	DB21A	P01	73	CDMU	CDMUP081	31	CBPLM/CDMU_CRW_Groove-1_External_Nom_Mnt	RTN	CBPLM	35	CR-W	IV	NOM
PWR	DB21A	P01	74	CDMU	CDMUP081	33	SA2/CDMU_CRS_Temp_Mnt	RTN	CBSA12	14	CR-S	IV	NOM
PWR	DB21A	P01	75	CDMU	CDMUP081	35	XPND1/CDMU_Rx1_AGC_Level_Mnt	RTN	XPND1	06	An_Mnt	IV	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P01	76	CDMU	CDMUP081	37	XPND1/CDMU_Pout_Mnt	RTN	XPND1	18	An_Mnt	IV	NOM
PWR	DB21A	P01	77	CDMU	CDMUP081	48	CBPLM/CDMU_CRN_Groove-3_OpticalCavity_Nom_Mnt	RTN	CBPLM	08	CR-N	IV	NOM
PWR	DB21A	P01	78	CDMU	CDMUP081	50	CBPLM/CDMU_CRN_Groove-3_SC_HeatExc-1_Nom_Mnt	RTN	CBPLM	37	CR-N	IV	NOM

6.4.2 DB21A P02 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P02	1	CDMU	CDMUP081	53	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-2_Nom_Mnt	ACT	CBPLM	18	CR-W	IV	NOM
PWR	DB21A	P02	2	CDMU	CDMUP081	55	SA1/CDMU_CRS_Temp_Mnt	ACT	CBSA11	15	CR-S	IV	NOM
PWR	DB21A	P02	3	CDMU	CDMUP081	59	XPND1/CDMU_Tx_Volt2_Mnt	ACT	XPND1	01	An_Mnt	IV	NOM
PWR	DB21A	P02	4	CDMU	CDMUP081	68	CBPLM/CDMU_CRN_Groove-3_WaveGuide-2_Nom_Mnt	ACT	CBPLM	38	CR-N	IV	NOM
PWR	DB21A	P02	5	CDMU	CDMUP081	70	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-2_Nom_Mnt	ACT	CBPLM	20	CR-W	IV	NOM
PWR	DB21A	P02	6	CDMU	CDMUP081	72	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-1_Nom_Mnt	ACT	CBPLM	01	CR-W	IV	NOM
PWR	DB21A	P02	7	CDMU	CDMUP081	74	SA5/CDMU_CRS_Temp1_Mnt	ACT	CBSA20	31	CR-S	IV	NOM
PWR	DB21A	P02	8	CDMU	CDMUP081	76	EPC1/CDMU_Helix_Current_Mnt	ACT	EPC1	34	An_Mnt	IV	NOM
PWR	DB21A	P02	9	CDMU	CDMUP081	78	XPND1/CDMU_Rx_Volt1_Mnt	ACT	XPND1	13	An_Mnt	IV	NOM
PWR	DB21A	P02	11	CDMU	CDMUP085	36	XPND1/CDMU_Therm-3_Tx_Mnt	ACT	XPND1	03	Therm	IV	NOM
PWR	DB21A	P02	12	CDMU	CDMUP085	44	RFDN/CDMU_Therm-18_Diplexer1_Mnt	ACT	RFDN	FL1	Therm	IV	NOM
PWR	DB21A	P02	13	CDMU	CDMUP085	53	RFDN/CDMU_Therm-6_Isolator1_Mnt	ACT	RFDN	FL1	Therm	IV	NOM
PWR	DB21A	P02	14	CDMU	CDMUP085	72	EPC1/CDMU_Therm-5_Mnt	ACT	EPC1	08	Therm	IV	NOM
PWR	DB21A	P02	15	CDMU	CDMUP085	16	XPND1/CDMU_Therm-4_Rx_Mnt	ACT	XPND1	11	Therm	IV	NOM
PWR	DB21A	P02	17	CDMU	CDMUP101	05	THERM-064/CDMU_TCS_Line16_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	18	CDMU	CDMUP101	07	THERM-060/CDMU_PHDC_Temp_N	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	19	CDMU	CDMUP101	09	THERM-056/CDMU_PLAEF_Temp_N	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	21	CDMU	CDMUP081	52	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-2_Nom_Mnt	RTN	CBPLM	19	CR-W	IV	NOM
PWR	DB21A	P02	22	CDMU	CDMUP081	54	SA1/CDMU_CRS_Temp_Mnt	RTN	CBSA11	14	CR-S	IV	NOM
PWR	DB21A	P02	23	CDMU	CDMUP081	58	XPND1/CDMU_Tx_Volt2_Mnt	RTN	XPND1	14	An_Mnt	IV	NOM
PWR	DB21A	P02	24	CDMU	CDMUP081	67	CBPLM/CDMU_CRN_Groove-3_WaveGuide-2_Nom_Mnt	RTN	CBPLM	39	CR-N	IV	NOM

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PWR	DB21A	P02	25	CDMU	CDMUP081	69	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-2_Nom_Mnt	RTN	CBPLM	21	CR-W	IV	NOM
PWR	DB21A	P02	26	CDMU	CDMUP081	71	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-1_Nom_Mnt	RTN	CBPLM	02	CR-W	IV	NOM
PWR	DB21A	P02	27	CDMU	CDMUP081	73	SA5/CDMU_CRW_Temp1_Mnt	RTN	CBSA20	30	CR-S	IV	NOM
PWR	DB21A	P02	28	CDMU	CDMUP081	75	EPC1/CDMU_Helix_Current_Mnt	RTN	EPC1	35	An_Mnt	IV	NOM
PWR	DB21A	P02	29	CDMU	CDMUP081	77	XPND1/CDMU_Rx_Volt1_Mnt	RTN	XPND1	25	An_Mnt	IV	NOM
PWR	DB21A	P02	31	CDMU	CDMUP085	35	XPND1/CDMU_Therm-3_Tx_Mnt	RTN	XPND1	16	Therm	IV	NOM
PWR	DB21A	P02	32	CDMU	CDMUP085	43	RFDN/CDMU_Therm-18_Diplexer1_Mnt	RTN	RFDN	FL2	Therm	IV	NOM
PWR	DB21A	P02	33	CDMU	CDMUP085	52	RFDN/CDMU_Therm-6_Isolator1_Mnt	RTN	RFDN	FL2	Therm	IV	NOM
PWR	DB21A	P02	34	CDMU	CDMUP085	71	EPC1/CDMU_Therm-5_Mnt	RTN	EPC1	27	Therm	IV	NOM
PWR	DB21A	P02	35	CDMU	CDMUP085	15	XPND1/CDMU_Therm-4_Rx_Mnt	RTN	XPND1	23	Therm	IV	NOM
PWR	DB21A	P02	37	CDMU	CDMUP101	04	THERM-064/CDMU_TCS_Line16_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	38	CDMU	CDMUP101	06	THERM-060/CDMU_PHDC_Temp_N	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	39	CDMU	CDMUP101	08	THERM-056/CDMU_PLAEF_Temp_N	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	40	CDMU	CDMUP101	11	THERM-052/CDMU_TCS_Line04_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	41	CDMU	CDMUP101	15	CBPLM/CDMU_CRN_Baffle-3_Rear_Nom_Mnt	ACT	CBPLM	44	CR-N	IV	NOM
PWR	DB21A	P02	42	CDMU	CDMUP101	17	CBPLM/CDMU_CRN_FPU-3_Nom_Mnt	ACT	CBPLM	26	CR-N	IV	NOM
PWR	DB21A	P02	43	CDMU	CDMUP101	19	CBPLM/CDMU_CRW_FPU-LFI_Decon_TC1_Mnt	ACT	CBPLM	03	CR-W	IV	NOM
PWR	DB21A	P02	44	CDMU	CDMUP101	24	THERM-063/CDMU_TCS_Line15_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	45	CDMU	CDMUP101	26	THERM-059/CDMU_PHEAAD_Temp_N	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	46	CDMU	CDMUP101	28	THERM-055/CDMU_TCS_Line07_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	47	CDMU	CDMUP101	30	THERM-051/CDMU_TCS_Line03_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	48	CDMU	CDMUP101	34	CBPLM/CDMU_CRN_Baffle-3_Lateral_Nom_Mnt	ACT	CBPLM	28	CR-N	IV	NOM
PWR	DB21A	P02	49	CDMU	CDMUP101	36	CBPLM/CDMU_CRN_FPU-2_Nom_Mnt	ACT	CBPLM	09	CR-N	IV	NOM
PWR	DB21A	P02	50	CDMU	CDMUP101	38	CBPLM/CDMU_CRW_FPU-HFI_Decon_TC1_Mnt	ACT	CBPLM	01	CR-W	IV	NOM
PWR	DB21A	P02	51	CDMU	CDMUP101	45	THERM-062/CDMU_TCS_Line14_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	52	CDMU	CDMUP101	47	THERM-058/CDMU_PHEB_Temp_N	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	53	CDMU	CDMUP101	49	THERM-054/CDMU_TCS_Line06_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	54	CDMU	CDMUP101	51	THERM-050/CDMU_TCS_Line02_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P02	55	CDMU	CDMUP101	53	CBPLM/CDMU_CRN_Reflector_PR2_Nom_Mnt	ACT	CBPLM	4	CR-N	IV	NOM

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PWR	DB21A	P02	56	CDMU	CDMUP101	55	CBPLM/CDMU_CRN_Baffle-2_Lateral_Nom_Mnt	ACT	CBPLM	11	CR-N	IV	NOM
PWR	DB21A	P02	57	CDMU	CDMUP101	57	CBPLM/CDMU_CRN_FPU-1_Nom_Mnt	ACT	CBPLM	40	CR-N	IV	NOM
PWR	DB21A	P02	58	CDMU	CDMUP101	59	CBPLM/CDMU_CRW_Sec-RefI_Decon_TC1_Mnt	ACT	CBPLM	1	CR-W	IV	NOM
PWR	DB21A	P02	60	CDMU	CDMUP101	10	THERM-052/CDMU_TCS_Line04_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	61	CDMU	CDMUP101	14	CBPLM/CDMU_CRN_Baffle-3_Rear_Nom_Mnt	RTN	CBPLM	45	CR-N	IV	NOM
PWR	DB21A	P02	62	CDMU	CDMUP101	16	CBPLM/CDMU_CRN_FPU-3_Nom_Mnt	RTN	CBPLM	27	CR-N	IV	NOM
PWR	DB21A	P02	63	CDMU	CDMUP101	18	CBPLM/CDMU_CRW_FPU-LFI_Decon_TC1_Mnt	RTN	CBPLM	11	CR-W	IV	NOM
PWR	DB21A	P02	64	CDMU	CDMUP101	23	THERM-063/CDMU_TCS_Line15_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	65	CDMU	CDMUP101	25	THERM-059/CDMU_PHEAAD_Temp_N	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	66	CDMU	CDMUP101	27	THERM-055/CDMU_TCS_Line07_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	67	CDMU	CDMUP101	29	THERM-051/CDMU_TCS_Line03_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	68	CDMU	CDMUP101	33	CBPLM/CDMU_CRN_Baffle-3_Lateral_Nom_Mnt	RTN	CBPLM	29	CR-N	IV	NOM
PWR	DB21A	P02	69	CDMU	CDMUP101	35	CBPLM/CDMU_CRN_FPU-2_Nom_Mnt	RTN	CBPLM	10	CR-N	IV	NOM
PWR	DB21A	P02	70	CDMU	CDMUP101	37	CBPLM/CDMU_CRW_FPU-HFI_Decon_TC1_Mnt	RTN	CBPLM	09	CR-W	IV	NOM
PWR	DB21A	P02	71	CDMU	CDMUP101	44	THERM-062/CDMU_TCS_Line14_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	72	CDMU	CDMUP101	46	THERM-058/CDMU_PHEB_Temp_N	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	73	CDMU	CDMUP101	48	THERM-054/CDMU_TCS_Line06_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	74	CDMU	CDMUP101	50	THERM-050/CDMU_TCS_Line02_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P02	75	CDMU	CDMUP101	52	CBPLM/CDMU_CRN_Reflector_PR2_Nom_Mnt	RTN	CBPLM	9	CR-N	IV	NOM
PWR	DB21A	P02	76	CDMU	CDMUP101	54	CBPLM/CDMU_CRN_Baffle-2_Lateral_Nom_Mnt	RTN	CBPLM	12	CR-N	IV	NOM
PWR	DB21A	P02	77	CDMU	CDMUP101	56	CBPLM/CDMU_CRN_FPU-1_Nom_Mnt	RTN	CBPLM	41	CR-N	IV	NOM
PWR	DB21A	P02	78	CDMU	CDMUP101	58	CBPLM/CDMU_CRW_Sec-RefI_Decon_TC1_Mnt	RTN	CBPLM	6	CR-W	IV	NOM

6.4.3 DB21A P03 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P03	1	CDMU	CDMUP101	64	THERM-061/CDMU_PHEAAB_Temp_N	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	2	CDMU	CDMUP101	66	THERM-057/CDMU_PLBEU_Temp_N	ACT	THERM	FL1	Therm	IV	NOM

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PWR	DB21A	P03	3	CDMU	CDMUP101	68	THERM-053/CDMU_TCS_Line05_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	4	CDMU	CDMUP101	70	THERM-049/CDMU_TCS_Line01_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	5	CDMU	CDMUP101	72	CBPLM/CDMU_CRN_Reflector_PR1_Nom_Mnt	ACT	CBPLM	3	CR-N	IV	NOM
PWR	DB21A	P03	6	CDMU	CDMUP101	74	CBPLM/CDMU_CRN_Baffle-1_Front_Nom_Mnt	ACT	CBPLM	42	CR-N	IV	NOM
PWR	DB21A	P03	7	CDMU	CDMUP101	76	CBPLM/CDMU_CRN_JFET_Nom_Mnt	ACT	CBPLM	24	CR-N	IV	NOM
PWR	DB21A	P03	8	CDMU	CDMUP101	78	CBPLM/CDMU_CRW_Pri-Refl_Decon_TC1_Mnt	ACT	CBPLM	1	CR-W	IV	NOM
PWR	DB21A	P03	10	CDMU	CDMUP103	02	THERM-095/CDMU_TCS_Line47_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	11	CDMU	CDMUP103	04	THERM-092/CDMU_TCS_Line44_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	12	CDMU	CDMUP103	06	THERM-088/CDMU_TCS_Line40_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	13	CDMU	CDMUP103	08	THERM-084/CDMU_TCS_Line36_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	14	CDMU	CDMUP103	13	THERM-080/CDMU_TCS_Line32_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	15	CDMU	CDMUP103	15	THERM-076/CDMU_TCS_Line28_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	16	CDMU	CDMUP103	17	THERM-072/CDMU_TCS_Line24_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	17	CDMU	CDMUP103	19	THERM-068/CDMU_TCS_Line20_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	18	CDMU	CDMUP103	22	THERM-094/CDMU_TCS_Line46_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	19	CDMU	CDMUP103	24	THERM-091/CDMU_TCS_Line43_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	21	CDMU	CDMUP101	63	THERM-061/CDMU_PHEAAB_Temp_N	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	22	CDMU	CDMUP101	65	THERM-057/CDMU_PLBEU_Temp_N	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	23	CDMU	CDMUP101	67	THERM-053/CDMU_TCS_Line05_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	24	CDMU	CDMUP101	69	THERM-049/CDMU_TCS_Line01_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	25	CDMU	CDMUP101	71	CBPLM/CDMU_CRN_Reflector_PR1_Nom_Mnt	RTN	CBPLM	8	CR-N	IV	NOM
PWR	DB21A	P03	26	CDMU	CDMUP101	73	CBPLM/CDMU_CRN_Baffle-1_Front_Nom_Mnt	RTN	CBPLM	43	CR-N	IV	NOM
PWR	DB21A	P03	27	CDMU	CDMUP101	75	CBPLM/CDMU_CRN_JFET_Nom_Mnt	RTN	CBPLM	25	CR-N	IV	NOM
PWR	DB21A	P03	28	CDMU	CDMUP101	77	CBPLM/CDMU_CRW_Pri-Refl_Decon_TC1_Mnt	RTN	CBPLM	6	CR-W	IV	NOM
PWR	DB21A	P03	30	CDMU	CDMUP103	01	THERM-095/CDMU_TCS_Line47_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	31	CDMU	CDMUP103	03	THERM-092/CDMU_TCS_Line44_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	32	CDMU	CDMUP103	05	THERM-088/CDMU_TCS_Line40_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	33	CDMU	CDMUP103	07	THERM-084/CDMU_TCS_Line36_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	34	CDMU	CDMUP103	12	THERM-080/CDMU_TCS_Line32_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P03	35	CDMU	CDMUP103	14	THERM-076/CDMU_TCS_Line28_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	36	CDMU	CDMUP103	16	THERM-072/CDMU_TCS_Line24_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	37	CDMU	CDMUP103	18	THERM-068/CDMU_TCS_Line20_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	38	CDMU	CDMUP103	21	THERM-094/CDMU_TCS_Line46_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	39	CDMU	CDMUP103	23	THERM-091/CDMU_TCS_Line43_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	40	CDMU	CDMUP103	26	THERM-087/CDMU_TCS_Line39_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	41	CDMU	CDMUP103	28	THERM-083/CDMU_TCS_Line35_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	42	CDMU	CDMUP103	32	THERM-079/CDMU_TCS_Line31_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	43	CDMU	CDMUP103	34	THERM-075/CDMU_TCS_Line27_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	44	CDMU	CDMUP103	36	THERM-071/CDMU_TCS_Line23_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	45	CDMU	CDMUP103	38	THERM-067/CDMU_TCS_Line19_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	46	CDMU	CDMUP103	41	THERM-093/CDMU_TCS_Line45_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	47	CDMU	CDMUP103	43	THERM-090/CDMU_TCS_Line42_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	48	CDMU	CDMUP103	45	THERM-086/CDMU_TCS_Line38_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	49	CDMU	CDMUP103	47	THERM-082/CDMU_TCS_Line34_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	50	CDMU	CDMUP103	52	THERM-078/CDMU_TCS_Line30_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	51	CDMU	CDMUP103	54	THERM-074/CDMU_TCS_Line26_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	52	CDMU	CDMUP103	56	THERM-070/CDMU_TCS_Line22_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	53	CDMU	CDMUP103	58	THERM-066/CDMU_TCS_Line18_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	54	CDMU	CDMUP103	62	THERM-089/CDMU_TCS_Line41_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	56	CDMU	CDMUP103	66	THERM-081/CDMU_TCS_Line33_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	57	CDMU	CDMUP103	72	THERM-077/CDMU_TCS_Line29_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	58	CDMU	CDMUP103	74	THERM-073/CDMU_TCS_Line25_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P03	60	CDMU	CDMUP103	25	THERM-087/CDMU_TCS_Line39_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	61	CDMU	CDMUP103	27	THERM-083/CDMU_TCS_Line35_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	62	CDMU	CDMUP103	31	THERM-079/CDMU_TCS_Line31_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	63	CDMU	CDMUP103	33	THERM-075/CDMU_TCS_Line27_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	64	CDMU	CDMUP103	35	THERM-071/CDMU_TCS_Line23_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	65	CDMU	CDMUP103	37	THERM-067/CDMU_TCS_Line19_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P03	66	CDMU	CDMUP103	40	THERM-093/CDMU_TCS_Line45_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	67	CDMU	CDMUP103	42	THERM-090/CDMU_TCS_Line42_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	68	CDMU	CDMUP103	44	THERM-086/CDMU_TCS_Line38_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	69	CDMU	CDMUP103	46	THERM-082/CDMU_TCS_Line34_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	70	CDMU	CDMUP103	51	THERM-078/CDMU_TCS_Line30_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	71	CDMU	CDMUP103	53	THERM-074/CDMU_TCS_Line26_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	72	CDMU	CDMUP103	55	THERM-070/CDMU_TCS_Line22_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	73	CDMU	CDMUP103	57	THERM-066/CDMU_TCS_Line18_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	74	CDMU	CDMUP103	61	THERM-089/CDMU_TCS_Line41_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	76	CDMU	CDMUP103	65	THERM-081/CDMU_TCS_Line33_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	77	CDMU	CDMUP103	71	THERM-077/CDMU_TCS_Line29_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P03	78	CDMU	CDMUP103	73	THERM-073/CDMU_TCS_Line25_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM

6.4.4 DB21A P04 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P04	1	CDMU	CDMUP103	76	THERM-069/CDMU_TCS_Line21_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P04	2	CDMU	CDMUP103	78	THERM-065/CDMU_TCS_Line17_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P04	4	CDMU	CDMUP105	59	THERM-096/CDMU_TCS_Line48_Th1_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P04	7	PCDU	PCDUP16	02	PCDU/PU1_+28V_Mnt	ACT	PU1	40	An_Mnt	IV	NOM
PWR	DB21A	P04	9	SK02	SK02J07	05	THERM/EGSE_Therm2_Tank_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P04	10	SK02	SK02J07	08	PT/EGSE_Sensor_Meas	ACT	PT	E	PT_Meas	IV	NOM
PWR	DB21A	P04	11	SK02	SK02J07	12	THERM/EGSE_Therm1_Tank_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P04	12	SK02	SK02J07	19	THERM/EGSE_Therm3_Tank_Mnt	ACT	THERM	FL1	Therm	IV	NOM
PWR	DB21A	P04	14	SK02	SK02J08	32	THR_20N04/EGSE_TS_Mnt	ACT	THR_20N04	Green	THR_TS	IV	NOM
PWR	DB21A	P04	15	SK02	SK02J08	34	THR_20N05/EGSE_TS_Mnt	ACT	THR_20N05	Green	THR_TS	IV	NOM
PWR	DB21A	P04	16	SK02	SK02J08	36	THR_20N06/EGSE_TS_Mnt	ACT	THR_20N06	Green	THR_TS	IV	NOM
PWR	DB21A	P04	17	SK02	SK02J08	38	THR_1N02/EGSE_TS_Mnt	ACT	THR_1N02	Green	THR_TS	IV	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21A	P04	21	CDMU	CDMUP103	75	THERM-069/CDMU_TCS_Line21_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P04	22	CDMU	CDMUP103	77	THERM-065/CDMU_TCS_Line17_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P04	24	CDMU	CDMUP105	19	THERM-096/CDMU_TCS_Line48_Th1_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P04	27	PCDU	PCDUP16	10	PCDU/PU1_+28V_Mnt	RTN	PU1	41	An_Mnt	IV	NOM
PWR	DB21A	P04	29	SK02	SK02J07	22	THERM/EGSE_Therm2_Tank_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P04	30	SK02	SK02J07	09	PT/EGSE_Sensor_Meas	RTN	PT	D	PT_Meas	IV	NOM
PWR	DB21A	P04	31	SK02	SK02J07	13	THERM/EGSE_Therm1_Tank_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P04	32	SK02	SK02J07	20	THERM/EGSE_Therm3_Tank_Mnt	RTN	THERM	FL2	Therm	IV	NOM
PWR	DB21A	P04	34	SK02	SK02J08	33	THR_20N04/EGSE_TS_Mnt	RTN	THR_20N04	White	THR_TS	IV	NOM
PWR	DB21A	P04	35	SK02	SK02J08	35	THR_20N05/EGSE_TS_Mnt	RTN	THR_20N05	White	THR_TS	IV	NOM
PWR	DB21A	P04	36	SK02	SK02J08	37	THR_20N06/EGSE_TS_Mnt	RTN	THR_20N06	White	THR_TS	IV	NOM
PWR	DB21A	P04	37	SK02	SK02J08	39	THR_1N02/EGSE_TS_Mnt	RTN	THR_1N02	White	THR_TS	IV	NOM
PWR	DB21A	P04	40	SK02	SK02J08	40	THR_20N01/EGSE_TS_Mnt	ACT	THR_20N01	Green	THR_TS	IV	NOM
PWR	DB21A	P04	41	SK02	SK02J08	42	THR_20N02/EGSE_TS_Mnt	ACT	THR_20N02	Green	THR_TS	IV	NOM
PWR	DB21A	P04	42	SK02	SK02J08	44	THR_20N03/EGSE_TS_Mnt	ACT	THR_20N03	Green	THR_TS	IV	NOM
PWR	DB21A	P04	43	SK02	SK02J08	46	THR_1N01/EGSE_TS_Mnt	ACT	THR_1N01	Green	THR_TS	IV	NOM
PWR	DB21A	P04	45	CDMU	CDMUP091	55	SA3/CDMU_CRS_Temp_Mnt	ACT	CBSA13	15	CR-S	IV	NOM
PWR	DB21A	P04	60	SK02	SK02J08	41	THR_20N01/EGSE_TS_Mnt	RTN	THR_20N01	White	THR_TS	IV	NOM
PWR	DB21A	P04	61	SK02	SK02J08	43	THR_20N02/EGSE_TS_Mnt	RTN	THR_20N02	White	THR_TS	IV	NOM
PWR	DB21A	P04	62	SK02	SK02J08	45	THR_20N03/EGSE_TS_Mnt	RTN	THR_20N03	White	THR_TS	IV	NOM
PWR	DB21A	P04	63	SK02	SK02J08	52	THR_1N01/EGSE_TS_Mnt	RTN	THR_1N01	White	THR_TS	IV	NOM
PWR	DB21A	P04	65	CDMU	CDMUP091	54	SA3/CDMU_CRS_Temp_Mnt	RTN	CBSA13	14	CR-S	IV	NOM
PWR	DB21A	P04	66	CDMU	CDMUP111	72	CBPLM/CDMU_CRN_Reflector_SR1_Nom_Mnt	ACT	CBPLM	3	CR-N	IV	NOM
PWR	DB21A	P04	67	CDMU	CDMUP111	71	CBPLM/CDMU_CRN_Reflector_SR1_Nom_Mnt	RTN	CBPLM	8	CR-N	IV	NOM
PWR	DB21A	P04	68	CDMU	CDMUP111	53	CBPLM/CDMU_CRN_Reflector_SR2_Nom_Mnt	ACT	CBPLM	4	CR-N	IV	NOM
PWR	DB21A	P04	69	CDMU	CDMUP111	52	CBPLM/CDMU_CRN_Reflector_SR2_Nom_Mnt	RTN	CBPLM	9	CR-N	IV	NOM

6.5 DB21B – PWR Dismountability Bracket Connectors

6.5.1 DB21B P01 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P01	3	ACC	ACCP073	02	EGSE/ACC_SAS1_PH1_Red_Mnt	ACT	SK05	01	SAS_Mnt	IV	RED
PWR	DB21B	P01	4	ACC	ACCP073	03	EGSE/ACC_SAS1_PH3_Red_Mnt	ACT	SK05	05	SAS_Mnt	IV	RED
PWR	DB21B	P01	5	ACC	ACCP073	05	EGSE/ACC_SAS2_PH1_Red_Mnt	ACT	SK05	17	SAS_Mnt	IV	RED
PWR	DB21B	P01	6	ACC	ACCP073	06	EGSE/ACC_SAS2_PH3_Red_Mnt	ACT	SK05	13	SAS_Mnt	IV	RED
PWR	DB21B	P01	7	ACC	ACCP073	41	EGSE/ACC_SAS1_PH2_Red_Mnt	ACT	SK05	03	SAS_Mnt	IV	RED
PWR	DB21B	P01	8	ACC	ACCP073	42	EGSE/ACC_SAS1_PH4_Red_Mnt	ACT	SK05	07	SAS_Mnt	IV	RED
PWR	DB21B	P01	9	ACC	ACCP073	44	EGSE/ACC_SAS2_PH2_Red_Mnt	ACT	SK05	15	SAS_Mnt	IV	RED
PWR	DB21B	P01	10	ACC	ACCP073	45	EGSE/ACC_SAS2_PH4_Red_Mnt	ACT	SK05	11	SAS_Mnt	IV	RED
PWR	DB21B	P01	13	ACC	ACCP134	01	EGSE/ACC_CRS2_Ang_X_Meas	ACT	SK05	14	CRS_Meas	IV	RED
PWR	DB21B	P01	14	ACC	ACCP134	02	EGSE/ACC_CRS2_Ang_Y_Meas	ACT	SK05	11	CRS_Meas	IV	RED
PWR	DB21B	P01	15	ACC	ACCP134	03	EGSE/ACC_CRS2_Ang_Z_Meas	ACT	SK05	10	CRS_Meas	IV	RED
PWR	DB21B	P01	16	ACC	ACCP134	13	EGSE/ACC_-X_redundant_Mnt	ACT	SK05	4	AAD_Mnt	IV	RED
PWR	DB21B	P01	23	ACC	ACCP073	22	EGSE/ACC_SAS1_PH1_Red_Mnt	RTN	SK05	02	SAS_Mnt	IV	RED
PWR	DB21B	P01	24	ACC	ACCP073	23	EGSE/ACC_SAS1_PH3_Red_Mnt	RTN	SK05	06	SAS_Mnt	IV	RED
PWR	DB21B	P01	25	ACC	ACCP073	25	EGSE/ACC_SAS2_PH1_Red_Mnt	RTN	SK05	18	SAS_Mnt	IV	RED
PWR	DB21B	P01	26	ACC	ACCP073	26	EGSE/ACC_SAS2_PH3_Red_Mnt	RTN	SK05	14	SAS_Mnt	IV	RED
PWR	DB21B	P01	27	ACC	ACCP073	61	EGSE/ACC_SAS1_PH2_Red_Mnt	RTN	SK05	04	SAS_Mnt	IV	RED
PWR	DB21B	P01	28	ACC	ACCP073	62	EGSE/ACC_SAS1_PH4_Red_Mnt	RTN	SK05	08	SAS_Mnt	IV	RED
PWR	DB21B	P01	29	ACC	ACCP073	64	EGSE/ACC_SAS2_PH2_Red_Mnt	RTN	SK05	16	SAS_Mnt	IV	RED
PWR	DB21B	P01	30	ACC	ACCP073	65	EGSE/ACC_SAS2_PH4_Red_Mnt	RTN	SK05	12	SAS_Mnt	IV	RED
PWR	DB21B	P01	33	ACC	ACCP134	06	EGSE/ACC_CRS2_Ang_X_Meas	RTN	SK05	13	CRS_Meas	IV	RED
PWR	DB21B	P01	34	ACC	ACCP134	07	EGSE/ACC_CRS2_Ang_Y_Meas	RTN	SK05	12	CRS_Meas	IV	RED
PWR	DB21B	P01	35	ACC	ACCP134	08	EGSE/ACC_CRS2_Ang_Z_Meas	RTN	SK05	09	CRS_Meas	IV	RED
PWR	DB21B	P01	36	ACC	ACCP134	14	EGSE/ACC_-X_redundant_Mnt	RTN	SK05	3	AAD_Mnt	IV	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P01	40	CDMU	CDMUP091	11	CBPLM/CDMU_CRW_Groove-3_WaveGuide-1_Red_Mnt	ACT	CBPLM	22	CR-W	IV	RED
PWR	DB21B	P01	41	CDMU	CDMUP091	13	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-1_Red_Mnt	ACT	CBPLM	20	CR-W	IV	RED
PWR	DB21B	P01	42	CDMU	CDMUP091	17	XPND2/CDMU_Rx2_PLL_SPE_Mnt	ACT	XPND2	10	An_Mnt	IV	RED
PWR	DB21B	P01	43	CDMU	CDMUP091	19	EPC2/CDMU_Anode_Voltage_Mnt	ACT	EPC2	16	An_Mnt	IV	RED
PWR	DB21B	P01	44	CDMU	CDMUP091	30	CBPLM/CDMU_CRW_Groove-3_SC_HeatExc-2_Red_Mnt	ACT	CBPLM	05	CR-W	IV	RED
PWR	DB21B	P01	45	CDMU	CDMUP091	32	CBPLM/CDMU_CRW_Groove-1_External_Red_Mnt	ACT	CBPLM	34	CR-W	IV	RED
PWR	DB21B	P01	46	CDMU	CDMUP091	34	SA4/CDMU_CRS_Temp_Mnt	ACT	CBSA14	15	CR-S	IV	RED
PWR	DB21B	P01	47	CDMU	CDMUP091	36	XPND2/CDMU_Rx2_AGC_Level_Mnt	ACT	XPND2	09	An_Mnt	IV	RED
PWR	DB21B	P01	48	CDMU	CDMUP091	38	XPND2/CDMU_Pout_Mnt	ACT	XPND2	05	An_Mnt	IV	RED
PWR	DB21B	P01	49	CDMU	CDMUP091	49	CBPLM/CDMU_CRW_Groove-3_OpticalCavity_Red_Mnt	ACT	CBPLM	07	CR-W	IV	RED
PWR	DB21B	P01	50	CDMU	CDMUP091	51	CBPLM/CDMU_CRN_Groove-3_SC_HeatExc-1_Red_Mnt	ACT	CBPLM	36	CR-N	IV	RED
PWR	DB21B	P01	51	CDMU	CDMUP091	53	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-2_Red_Mnt	ACT	CBPLM	18	CR-W	IV	RED
PWR	DB21B	P01	52	CDMU	CDMUP091	59	XPND2/CDMU_Tx_Volt2_Mnt	ACT	XPND2	01	An_Mnt	IV	RED
PWR	DB21B	P01	53	CDMU	CDMUP091	68	CBPLM/CDMU_CRW_Groove-3_WaveGuide-2_Red_Mnt	ACT	CBPLM	38	CR-W	IV	RED
PWR	DB21B	P01	54	CDMU	CDMUP091	70	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-2_Red_Mnt	ACT	CBPLM	03	CR-W	IV	RED
PWR	DB21B	P01	55	CDMU	CDMUP091	72	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-1_Red_Mnt	ACT	CBPLM	01	CR-W	IV	RED
PWR	DB21B	P01	56	CDMU	CDMUP091	74	SA5/CDMU_CRS_Temp2_Mnt	ACT	CBSA20	31	CR-S	IV	RED
PWR	DB21B	P01	57	CDMU	CDMUP091	76	EPC2/CDMU_Helix_Current_Mnt	ACT	EPC2	34	An_Mnt	IV	RED
PWR	DB21B	P01	58	CDMU	CDMUP091	78	XPND2/CDMU_Rx_Volt1_Mnt	ACT	XPND2	13	An_Mnt	IV	RED
PWR	DB21B	P01	60	CDMU	CDMUP091	10	CBPLM/CDMU_CRW_Groove-3_WaveGuide-1_Red_Mnt	RTN	CBPLM	23	CR-W	IV	RED
PWR	DB21B	P01	61	CDMU	CDMUP091	12	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-1_Red_Mnt	RTN	CBPLM	21	CR-W	IV	RED
PWR	DB21B	P01	62	CDMU	CDMUP091	16	XPND2/CDMU_Rx2_PLL_SPE_Mnt	RTN	XPND2	06	An_Mnt	IV	RED
PWR	DB21B	P01	63	CDMU	CDMUP091	18	EPC2/CDMU_Anode_Voltage_Mnt	RTN	EPC2	35	An_Mnt	IV	RED
PWR	DB21B	P01	64	CDMU	CDMUP091	29	CBPLM/CDMU_CRW_Groove-3_SC_HeatExc-2_Red_Mnt	RTN	CBPLM	06	CR-W	IV	RED
PWR	DB21B	P01	65	CDMU	CDMUP091	31	CBPLM/CDMU_CRW_Groove-1_External_Red_Mnt	RTN	CBPLM	35	CR-W	IV	RED
PWR	DB21B	P01	66	CDMU	CDMUP091	33	SA4/CDMU_CRS_Temp_Mnt	RTN	CBSA14	14	CR-S	IV	RED
PWR	DB21B	P01	67	CDMU	CDMUP091	35	XPND2/CDMU_Rx2_AGC_Level_Mnt	RTN	XPND2	06	An_Mnt	IV	RED
PWR	DB21B	P01	68	CDMU	CDMUP091	37	XPND2/CDMU_Pout_Mnt	RTN	XPND2	18	An_Mnt	IV	RED
PWR	DB21B	P01	69	CDMU	CDMUP091	48	CBPLM/CDMU_CRW_Groove-3_OpticalCavity_Red_Mnt	RTN	CBPLM	08	CR-W	IV	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P01	70	CDMU	CDMUP091	50	CBPLM/CDMU_CRN_Groove-3_SC_HeatExc-1_Red_Mnt	RTN	CBPLM	37	CR-N	IV	RED
PWR	DB21B	P01	71	CDMU	CDMUP091	52	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-2_Red_Mnt	RTN	CBPLM	19	CR-W	IV	RED
PWR	DB21B	P01	72	CDMU	CDMUP091	58	XPND2/CDMU_Tx_Volt2_Mnt	RTN	XPND2	14	An_Mnt	IV	RED
PWR	DB21B	P01	73	CDMU	CDMUP091	67	CBPLM/CDMU_CRW_Groove-3_WaveGuide-2_Red_Mnt	RTN	CBPLM	39	CR-W	IV	RED
PWR	DB21B	P01	74	CDMU	CDMUP091	69	CBPLM/CDMU_CRW_Groove-2_SC_HeatExc-2_Red_Mnt	RTN	CBPLM	04	CR-W	IV	RED
PWR	DB21B	P01	75	CDMU	CDMUP091	71	CBPLM/CDMU_CRW_Groove-1_SC_HeatExc-1_Red_Mnt	RTN	CBPLM	02	CR-W	IV	RED
PWR	DB21B	P01	76	CDMU	CDMUP091	73	SA5/CDMU_CRS_Temp2_Mnt	RTN	CBSA20	30	CR-S	IV	RED
PWR	DB21B	P01	77	CDMU	CDMUP091	75	EPC2/CDMU_Helix_Current_Mnt	RTN	EPC2	35	An_Mnt	IV	RED
PWR	DB21B	P01	78	CDMU	CDMUP091	77	XPND2/CDMU_Rx_Volt1_Mnt	RTN	XPND2	25	An_Mnt	IV	RED

6.5.2 DB21B P02 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P02	1	CDMU	CDMUP095	16	XPND2/CDMU_Therm-28_Rx_Mnt	ACT	XPND2	11	Therm	IV	RED
PWR	DB21B	P02	2	CDMU	CDMUP095	36	XPND2/CDMU_Therm-27_Tx_Mnt	ACT	XPND2	03	Therm	IV	RED
PWR	DB21B	P02	3	CDMU	CDMUP095	44	RFDN/CDMU_Therm-42_Diplexer2_Mnt	ACT	RFDN	FL1	Therm	IV	RED
PWR	DB21B	P02	4	CDMU	CDMUP095	53	RFDN/CDMU_Therm-30_Isolator2_Mnt	ACT	RFDN	FL1	Therm	IV	RED
PWR	DB21B	P02	5	CDMU	CDMUP095	72	EPC2/CDMU_Therm-29_Mnt	ACT	EPC2	08	Therm	IV	RED
PWR	DB21B	P02	6	CDMU	CDMUP111	05	THERM-112/CDMU_TCS_Line16_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	7	CDMU	CDMUP111	07	THERM-108/CDMU_PHDC_Temp_R	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	8	CDMU	CDMUP111	09	THERM-104/CDMU_TCS_Line08_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	9	CDMU	CDMUP111	11	THERM-100/CDMU_TCS_Line04_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	10	CDMU	CDMUP111	15	CBPLM/CDMU_CRW_Baffle-3_Rear_Red_Mnt	ACT	CBPLM	44	CR-W	IV	RED
PWR	DB21B	P02	11	CDMU	CDMUP111	17	CBPLM/CDMU_CRW_FPU-3_Red_Mnt	ACT	CBPLM	26	CR-W	IV	RED
PWR	DB21B	P02	12	CDMU	CDMUP111	19	CBPLM/CDMU_CRW_FPU-LFI_Decon_TC2_Mnt	ACT	CBPLM	01	CR-W	IV	RED
PWR	DB21B	P02	13	CDMU	CDMUP111	24	THERM-111/CDMU_TCS_Line15_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	14	CDMU	CDMUP111	26	THERM-107/CDMU_PHEAAD_Temp_R	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	15	CDMU	CDMUP111	28	THERM-103/CDMU_TCS_Line07_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED



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PWR	DB21B	P02	16	CDMU	CDMUP111	30	THERM-099/CDMU_TCS_Line03_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	17	CDMU	CDMUP111	34	CBPLM/CDMU_CRW_Baffle-3_Lateral_Red_Mnt	ACT	CBPLM	28	CR-W	IV	RED
PWR	DB21B	P02	18	CDMU	CDMUP111	36	CBPLM/CDMU_CRN_FPU-2_Red_Mnt	ACT	CBPLM	09	CR-N	IV	RED
PWR	DB21B	P02	19	CDMU	CDMUP111	38	CBPLM/CDMU_CRW_FPU-HFI_Decon_TC2_Mnt	ACT	CBPLM	02	CR-W	IV	RED
PWR	DB21B	P02	21	CDMU	CDMUP095	15	XPND2/CDMU_Therm-28_Rx_Mnt	RTN	XPND2	23	Therm	IV	RED
PWR	DB21B	P02	22	CDMU	CDMUP095	35	XPND2/CDMU_Therm-27_Tx_Mnt	RTN	XPND2	16	Therm	IV	RED
PWR	DB21B	P02	23	CDMU	CDMUP095	43	RFDN/CDMU_Therm-42_Diplexer2_Mnt	RTN	RFDN	FL2	Therm	IV	RED
PWR	DB21B	P02	24	CDMU	CDMUP095	52	RFDN/CDMU_Therm-30_Isolator2_Mnt	RTN	RFDN	FL2	Therm	IV	RED
PWR	DB21B	P02	25	CDMU	CDMUP095	71	EPC2/CDMU_Therm-29_Mnt	RTN	EPC2	27	Therm	IV	RED
PWR	DB21B	P02	26	CDMU	CDMUP111	04	THERM-112/CDMU_TCS_Line16_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	27	CDMU	CDMUP111	06	THERM-108/CDMU_PHDC_Temp_R	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	28	CDMU	CDMUP111	08	THERM-104/CDMU_TCS_Line08_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	29	CDMU	CDMUP111	10	THERM-100/CDMU_TCS_Line04_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	30	CDMU	CDMUP111	14	CBPLM/CDMU_CRW_Baffle-3_Rear_Red_Mnt	RTN	CBPLM	45	CR-W	IV	RED
PWR	DB21B	P02	31	CDMU	CDMUP111	16	CBPLM/CDMU_CRW_FPU-3_Red_Mnt	RTN	CBPLM	27	CR-W	IV	RED
PWR	DB21B	P02	32	CDMU	CDMUP111	18	CBPLM/CDMU_CRW_FPU-LFI_Decon_TC2_Mnt	RTN	CBPLM	09	CR-W	IV	RED
PWR	DB21B	P02	33	CDMU	CDMUP111	23	THERM-111/CDMU_TCS_Line15_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	34	CDMU	CDMUP111	25	THERM-107/CDMU_PHEAAD_Temp_R	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	35	CDMU	CDMUP111	27	THERM-103/CDMU_TCS_Line07_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	36	CDMU	CDMUP111	29	THERM-099/CDMU_TCS_Line03_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	37	CDMU	CDMUP111	33	CBPLM/CDMU_CRW_Baffle-3_Lateral_Red_Mnt	RTN	CBPLM	29	CR-W	IV	RED
PWR	DB21B	P02	38	CDMU	CDMUP111	35	CBPLM/CDMU_CRN_FPU-2_Red_Mnt	RTN	CBPLM	10	CR-N	IV	RED
PWR	DB21B	P02	39	CDMU	CDMUP111	37	CBPLM/CDMU_CRW_FPU-HFI_Decon_TC2_Mnt	RTN	CBPLM	10	CR-W	IV	RED
PWR	DB21B	P02	40	CDMU	CDMUP111	45	THERM-110/CDMU_TCS_Line14_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	41	CDMU	CDMUP111	47	THERM-106/CDMU_PHEB_Temp_R	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	42	CDMU	CDMUP111	49	THERM-102/CDMU_TCS_Line06_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	43	CDMU	CDMUP111	51	THERM-098/CDMU_TCS_Line02_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	45	CDMU	CDMUP111	55	CBPLM/CDMU_CRW_Baffle-2_Lateral_Red_Mnt	ACT	CBPLM	11	CR-W	IV	RED
PWR	DB21B	P02	46	CDMU	CDMUP111	57	CBPLM/CDMU_CRW_FPU-1_Red_Mnt	ACT	CBPLM	40	CR-W	IV	RED

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PWR	DB21B	P02	47	CDMU	CDMUP111	59	CBPLM/CDMU_CRW_Sec-Refl_Decon_TC2_Mnt	ACT	CBPLM	2	CR-W	IV	RED
PWR	DB21B	P02	48	CDMU	CDMUP111	64	THERM-109/CDMU_TCS_Line13_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	49	CDMU	CDMUP111	66	THERM-105/CDMU_PHEAAA_Temp_N	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	50	CDMU	CDMUP111	68	THERM-101/CDMU_TCS_Line05_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	51	CDMU	CDMUP111	70	THERM-097/CDMU_TCS_Line01_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P02	53	CDMU	CDMUP111	74	CBPLM/CDMU_CRW_Baffle-1_Front_Red_Mnt	ACT	CBPLM	42	CR-W	IV	RED
PWR	DB21B	P02	54	CDMU	CDMUP111	76	CBPLM/CDMU_CRN_JFET_Red_Mnt	ACT	CBPLM	24	CR-N	IV	RED
PWR	DB21B	P02	55	CDMU	CDMUP111	78	CBPLM/CDMU_CRW_Pri-Refl_Decon_TC2_Mnt	ACT	CBPLM	2	CR-W	IV	RED
PWR	DB21B	P02	60	CDMU	CDMUP111	44	THERM-110/CDMU_TCS_Line14_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	61	CDMU	CDMUP111	46	THERM-106/CDMU_PHEB_Temp_R	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	62	CDMU	CDMUP111	48	THERM-102/CDMU_TCS_Line06_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	63	CDMU	CDMUP111	50	THERM-098/CDMU_TCS_Line02_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	65	CDMU	CDMUP111	54	CBPLM/CDMU_CRW_Baffle-2_Lateral_Red_Mnt	RTN	CBPLM	12	CR-W	IV	RED
PWR	DB21B	P02	66	CDMU	CDMUP111	56	CBPLM/CDMU_CRW_FPU-1_Red_Mnt	RTN	CBPLM	41	CR-W	IV	RED
PWR	DB21B	P02	67	CDMU	CDMUP111	58	CBPLM/CDMU_CRW_Sec-Refl_Decon_TC2_Mnt	RTN	CBPLM	7	CR-W	IV	RED
PWR	DB21B	P02	68	CDMU	CDMUP111	63	THERM-109/CDMU_TCS_Line13_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	69	CDMU	CDMUP111	65	THERM-105/CDMU_PHEAAA_Temp_N	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	70	CDMU	CDMUP111	67	THERM-101/CDMU_TCS_Line05_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	71	CDMU	CDMUP111	69	THERM-097/CDMU_TCS_Line01_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P02	73	CDMU	CDMUP111	73	CBPLM/CDMU_CRW_Baffle-1_Front_Red_Mnt	RTN	CBPLM	43	CR-W	IV	RED
PWR	DB21B	P02	74	CDMU	CDMUP111	75	CBPLM/CDMU_CRN_JFET_Red_Mnt	RTN	CBPLM	25	CR-N	IV	RED
PWR	DB21B	P02	75	CDMU	CDMUP111	77	CBPLM/CDMU_CRW_Pri-Refl_Decon_TC2_Mnt	RTN	CBPLM	7	CR-W	IV	RED
PWR	DB21B	P02	76	ACC	ACCP063	08	EGSE/ACC_CRS2_Therm_Mnt	ACT	SK05	19	Therm	IV	RED
PWR	DB21B	P02	77	ACC	ACCP063	28	EGSE/ACC_CRS2_Therm_Mnt	RTN	SK05	20	Therm	IV	RED

6.5.3 DB21B P03 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P03	1	CDMU	CDMUP113	02	THERM-143/CDMU_TCS_Line47_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	2	CDMU	CDMUP113	04	THERM-140/CDMU_TCS_Line44_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	3	CDMU	CDMUP113	06	THERM-136/CDMU_TCS_Line40_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	4	CDMU	CDMUP113	08	THERM-132/CDMU_TCS_Line36_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	5	CDMU	CDMUP113	13	THERM-128/CDMU_TCS_Line32_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	6	CDMU	CDMUP113	15	THERM-124/CDMU_TCS_Line28_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	7	CDMU	CDMUP113	17	THERM-120/CDMU_TCS_Line24_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	8	CDMU	CDMUP113	19	THERM-116/CDMU_TCS_Line20_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	9	CDMU	CDMUP113	22	THERM-142/CDMU_TCS_Line46_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	10	CDMU	CDMUP113	24	THERM-139/CDMU_TCS_Line43_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	11	CDMU	CDMUP113	26	THERM-135/CDMU_TCS_Line39_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	12	CDMU	CDMUP113	28	THERM-131/CDMU_TCS_Line35_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	13	CDMU	CDMUP113	32	THERM-127/CDMU_TCS_Line31_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	14	CDMU	CDMUP113	34	THERM-123/CDMU_TCS_Line27_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	15	CDMU	CDMUP113	36	THERM-119/CDMU_TCS_Line23_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	16	CDMU	CDMUP113	38	THERM-115/CDMU_TCS_Line19_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	17	CDMU	CDMUP113	41	THERM-141/CDMU_TCS_Line45_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	18	CDMU	CDMUP113	43	THERM-138/CDMU_TCS_Line42_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	19	CDMU	CDMUP113	45	THERM-134/CDMU_TCS_Line38_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	21	CDMU	CDMUP113	01	THERM-143/CDMU_TCS_Line47_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	22	CDMU	CDMUP113	03	THERM-140/CDMU_TCS_Line44_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	23	CDMU	CDMUP113	05	THERM-136/CDMU_TCS_Line40_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	24	CDMU	CDMUP113	07	THERM-132/CDMU_TCS_Line36_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	25	CDMU	CDMUP113	12	THERM-128/CDMU_TCS_Line32_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	26	CDMU	CDMUP113	14	THERM-124/CDMU_TCS_Line28_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	27	CDMU	CDMUP113	16	THERM-120/CDMU_TCS_Line24_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	28	CDMU	CDMUP113	18	THERM-116/CDMU_TCS_Line20_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	29	CDMU	CDMUP113	21	THERM-142/CDMU_TCS_Line46_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	30	CDMU	CDMUP113	23	THERM-139/CDMU_TCS_Line43_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P03	31	CDMU	CDMUP113	25	THERM-135/CDMU_TCS_Line39_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	32	CDMU	CDMUP113	27	THERM-131/CDMU_TCS_Line35_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	33	CDMU	CDMUP113	31	THERM-127/CDMU_TCS_Line31_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	34	CDMU	CDMUP113	33	THERM-123/CDMU_TCS_Line27_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	35	CDMU	CDMUP113	35	THERM-119/CDMU_TCS_Line23_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	36	CDMU	CDMUP113	37	THERM-115/CDMU_TCS_Line19_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	37	CDMU	CDMUP113	40	THERM-141/CDMU_TCS_Line45_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	38	CDMU	CDMUP113	42	THERM-138/CDMU_TCS_Line42_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	39	CDMU	CDMUP113	44	THERM-134/CDMU_TCS_Line38_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	40	CDMU	CDMUP113	47	THERM-130/CDMU_TCS_Line34_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	41	CDMU	CDMUP113	52	THERM-126/CDMU_TCS_Line30_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	42	CDMU	CDMUP113	54	THERM-122/CDMU_TCS_Line26_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	43	CDMU	CDMUP113	56	THERM-118/CDMU_TCS_Line22_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	44	CDMU	CDMUP113	58	THERM-114/CDMU_TCS_Line18_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	45	CDMU	CDMUP113	62	THERM-137/CDMU_TCS_Line41_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	47	CDMU	CDMUP113	66	THERM-129/CDMU_TCS_Line33_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	48	CDMU	CDMUP113	72	THERM-125/CDMU_TCS_Line29_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	49	CDMU	CDMUP113	74	THERM-121/CDMU_TCS_Line25_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	50	CDMU	CDMUP113	76	THERM-117/CDMU_TCS_Line21_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	51	CDMU	CDMUP113	78	THERM-113/CDMU_TCS_Line17_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	53	CDMU	CDMUP115	59	THERM-144/CDMU_TCS_Line48_Th2_Mnt	ACT	THERM	FL1	Therm	IV	RED
PWR	DB21B	P03	60	CDMU	CDMUP113	46	THERM-130/CDMU_TCS_Line34_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	61	CDMU	CDMUP113	51	THERM-126/CDMU_TCS_Line30_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	62	CDMU	CDMUP113	53	THERM-122/CDMU_TCS_Line26_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	63	CDMU	CDMUP113	55	THERM-118/CDMU_TCS_Line22_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	64	CDMU	CDMUP113	57	THERM-114/CDMU_TCS_Line18_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	65	CDMU	CDMUP113	61	THERM-137/CDMU_TCS_Line41_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	67	CDMU	CDMUP113	65	THERM-129/CDMU_TCS_Line33_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	68	CDMU	CDMUP113	71	THERM-125/CDMU_TCS_Line29_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P03	69	CDMU	CDMUP113	73	THERM-121/CDMU_TCS_Line25_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	70	CDMU	CDMUP113	75	THERM-117/CDMU_TCS_Line21_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	71	CDMU	CDMUP113	77	THERM-113/CDMU_TCS_Line17_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED
PWR	DB21B	P03	73	CDMU	CDMUP115	19	THERM-144/CDMU_TCS_Line48_Th2_Mnt	RTN	THERM	FL2	Therm	IV	RED

6.5.4 DB21B P04 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P04	1	CDMU	CDMUP121	17	CBPLM/CDMU_CRN_Reflecto SR2_Red_Mnt	ACT	CBPLM	4	CR-N	IV	RED
PWR	DB21B	P04	2	CDMU	CDMUP121	36	CBPLM/CDMU_CRN_Reflecto SR1_Red_Mnt	ACT	CBPLM	3	CR-N	IV	RED
PWR	DB21B	P04	3	CDMU	CDMUP121	57	CBPLM/CDMU_CRN_Reflecto PR2_Red_Mnt	ACT	CBPLM	4	CR-N	IV	RED
PWR	DB21B	P04	4	CDMU	CDMUP121	76	CBPLM/CDMU_CRN_Reflecto PR1_Red_Mnt	ACT	CBPLM	3	CR-N	IV	RED
PWR	DB21B	P04	7	PCDU	PCDUP20	02	PCDU/PU2_+28V_Mnt	ACT	PU2	40	An_Mnt	IV	RED
PWR	DB21B	P04	9	SK02	SK02J11	32	THR_20N10/EGSE_TS_Mnt	ACT	THR_20N10	Green	THR_TS	IV	RED
PWR	DB21B	P04	10	SK02	SK02J11	34	THR_20N11/EGSE_TS_Mnt	ACT	THR_20N11	Green	THR_TS	IV	RED
PWR	DB21B	P04	11	SK02	SK02J11	36	THR_20N12/EGSE_TS_Mnt	ACT	THR_20N12	Green	THR_TS	IV	RED
PWR	DB21B	P04	12	SK02	SK02J11	38	THR_1N04/EGSE_TS_Mnt	ACT	THR_1N04	Green	THR_TS	IV	RED
PWR	DB21B	P04	13	SK02	SK02J11	40	THR_20N07/EGSE_TS_Mnt	ACT	THR_20N07	Green	THR_TS	IV	RED
PWR	DB21B	P04	14	SK02	SK02J11	42	THR_20N08/EGSE_TS_Mnt	ACT	THR_20N08	Green	THR_TS	IV	RED
PWR	DB21B	P04	15	SK02	SK02J11	44	THR_20N09/EGSE_TS_Mnt	ACT	THR_20N09	Green	THR_TS	IV	RED
PWR	DB21B	P04	16	SK02	SK02J11	46	THR_1N03/EGSE_TS_Mnt	ACT	THR_1N03	Green	THR_TS	IV	RED
PWR	DB21B	P04	21	CDMU	CDMUP121	16	CBPLM/CDMU_CRN_Reflecto SR2_Red_Mnt	RTN	CBPLM	9	CR-N	IV	RED
PWR	DB21B	P04	22	CDMU	CDMUP121	35	CBPLM/CDMU_CRN_Reflecto SR1_Red_Mnt	RTN	CBPLM	8	CR-N	IV	RED
PWR	DB21B	P04	23	CDMU	CDMUP121	56	CBPLM/CDMU_CRN_Reflecto PR2_Red_Mnt	RTN	CBPLM	9	CR-N	IV	RED
PWR	DB21B	P04	24	CDMU	CDMUP121	75	CBPLM/CDMU_CRN_Reflecto PR1_Red_Mnt	RTN	CBPLM	8	CR-N	IV	RED
PWR	DB21B	P04	27	PCDU	PCDUP20	10	PCDU/PU2_+28V_Mnt	RTN	PU2	41	An_Mnt	IV	RED
PWR	DB21B	P04	29	SK02	SK02J11	33	THR_20N10/EGSE_TS_Mnt	RTN	THR_20N10	White	THR_TS	IV	RED
PWR	DB21B	P04	30	SK02	SK02J11	35	THR_20N11/EGSE_TS_Mnt	RTN	THR_20N11	White	THR_TS	IV	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P04	31	SK02	SK02J11	37	THR_20N12/EGSE_TS_Mnt	RTN	THR_20N12	White	THR_TS	IV	RED
PWR	DB21B	P04	32	SK02	SK02J11	39	THR_1N04/EGSE_TS_Mnt	RTN	THR_1N04	White	THR_TS	IV	RED
PWR	DB21B	P04	33	SK02	SK02J11	41	THR_20N07/EGSE_TS_Mnt	RTN	THR_20N07	White	THR_TS	IV	RED
PWR	DB21B	P04	34	SK02	SK02J11	43	THR_20N08/EGSE_TS_Mnt	RTN	THR_20N08	White	THR_TS	IV	RED
PWR	DB21B	P04	35	SK02	SK02J11	45	THR_20N09/EGSE_TS_Mnt	RTN	THR_20N09	White	THR_TS	IV	RED
PWR	DB21B	P04	36	SK02	SK02J11	52	THR_1N03/EGSE_TS_Mnt	RTN	THR_1N03	White	THR_TS	IV	RED

6.5.5 DB21B P05 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P05	1	CDMU	CDMUP121	05	THERM-160/CDMU_TCS_Line16_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	2	CDMU	CDMUP121	07	THERM-156/CDMU_TCS_Line12_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	3	CDMU	CDMUP121	09	THERM-152/CDMU_TCS_Line08_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	4	CDMU	CDMUP121	11	THERM-148/CDMU_TCS_Line04_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	5	CDMU	CDMUP121	19	CBPLM/CDMU_CRW_FPU-LFI_Decon_TC3_Mnt	ACT	CBPLM	02	CR-W	IV	RED2
PWR	DB21B	P05	6	CDMU	CDMUP121	24	THERM-159/CDMU_TCS_Line15_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	7	CDMU	CDMUP121	26	THERM-155/CDMU_TCS_Line11_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	8	CDMU	CDMUP121	28	THERM-151/CDMU_TCS_Line07_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	9	CDMU	CDMUP121	30	THERM-147/CDMU_TCS_Line03_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	10	CDMU	CDMUP121	38	CBPLM/CDMU_CRW_FPU-HFI_Decon_TC3_Mnt	ACT	CBPLM	03	CR-W	IV	RED2
PWR	DB21B	P05	11	CDMU	CDMUP121	45	THERM-158/CDMU_TCS_Line14_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	12	CDMU	CDMUP121	47	THERM-154/CDMU_TCS_Line10_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	13	CDMU	CDMUP121	49	THERM-150/CDMU_TCS_Line06_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	14	CDMU	CDMUP121	51	THERM-146/CDMU_TCS_Line02_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	15	CDMU	CDMUP121	59	CBPLM/CDMU_CRW_Sec-Refl_Decon_TC3_Mnt	ACT	CBPLM	1	CR-W	IV	RED2
PWR	DB21B	P05	16	CDMU	CDMUP121	64	THERM-157/CDMU_TCS_Line13_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	17	CDMU	CDMUP121	66	THERM-153/CDMU_TCS_Line09_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	18	CDMU	CDMUP121	68	THERM-149/CDMU_TCS_Line05_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P05	21	CDMU	CDMUP121	04	THERM-160/CDMU_TCS_Line16_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	22	CDMU	CDMUP121	06	THERM-156/CDMU_TCS_Line12_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	23	CDMU	CDMUP121	08	THERM-152/CDMU_TCS_Line08_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	24	CDMU	CDMUP121	10	THERM-148/CDMU_TCS_Line04_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	25	CDMU	CDMUP121	18	CBPLM/CDMU_CRW_FPU-LFI_Decon_TC3_Mnt	RTN	CBPLM	10	CR-W	IV	RED2
PWR	DB21B	P05	26	CDMU	CDMUP121	23	THERM-159/CDMU_TCS_Line15_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	27	CDMU	CDMUP121	25	THERM-155/CDMU_TCS_Line11_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	28	CDMU	CDMUP121	27	THERM-151/CDMU_TCS_Line07_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	29	CDMU	CDMUP121	29	THERM-147/CDMU_TCS_Line03_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	30	CDMU	CDMUP121	37	CBPLM/CDMU_CRW_FPU-HFI_Decon_TC3_Mnt	RTN	CBPLM	11	CR-W	IV	RED2
PWR	DB21B	P05	31	CDMU	CDMUP121	44	THERM-158/CDMU_TCS_Line14_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	32	CDMU	CDMUP121	46	THERM-154/CDMU_TCS_Line10_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	33	CDMU	CDMUP121	48	THERM-150/CDMU_TCS_Line06_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	34	CDMU	CDMUP121	50	THERM-146/CDMU_TCS_Line02_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	35	CDMU	CDMUP121	58	CBPLM/CDMU_CRW_Sec-Refl_Decon_TC3_Mnt	RTN	CBPLM	6	CR-W	IV	RED2
PWR	DB21B	P05	36	CDMU	CDMUP121	63	THERM-157/CDMU_TCS_Line13_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	37	CDMU	CDMUP121	65	THERM-153/CDMU_TCS_Line09_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	38	CDMU	CDMUP121	67	THERM-149/CDMU_TCS_Line05_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	40	CDMU	CDMUP121	70	THERM-145/CDMU_TCS_Line01_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P05	41	CDMU	CDMUP121	78	CBPLM/CDMU_CRW_Pri-Refl_Decon_TC3_Mnt	ACT	CBPLM	1	CR-W	IV	RED2
PWR	DB21B	P05	60	CDMU	CDMUP121	69	THERM-145/CDMU_TCS_Line01_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P05	61	CDMU	CDMUP121	77	CBPLM/CDMU_CRW_Pri-Refl_Decon_TC3_Mnt	RTN	CBPLM	6	CR-W	IV	RED2

6.5.6 DB21B P06 – PWR Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Pin_1	Signal_Type	EMC	N/R
PWR	DB21B	P06	1	CDMU	CDMUP123	02	THERM-191/CDMU_TCS_Line47_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	2	CDMU	CDMUP123	04	THERM-188/CDMU_TCS_Line44_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2

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Location	Bracket	BracketCon	BracketPin	Device Name	Conn Name	Pin	Functional name	Extension	Device Name 1	Pin 1	Signal Type	EMC	N/R
PWR	DB21B	P06	3	CDMU	CDMUP123	06	THERM-184/CDMU_TCS_Line40_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	4	CDMU	CDMUP123	08	THERM-180/CDMU_TCS_Line36_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	5	CDMU	CDMUP123	13	THERM-176/CDMU_TCS_Line32_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	6	CDMU	CDMUP123	15	THERM-172/CDMU_TCS_Line28_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	7	CDMU	CDMUP123	17	THERM-168/CDMU_TCS_Line24_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	8	CDMU	CDMUP123	19	THERM-164/CDMU_TCS_Line20_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	9	CDMU	CDMUP123	22	THERM-190/CDMU_TCS_Line46_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	10	CDMU	CDMUP123	24	THERM-187/CDMU_TCS_Line43_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	11	CDMU	CDMUP123	26	THERM-183/CDMU_TCS_Line39_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	12	CDMU	CDMUP123	28	THERM-179/CDMU_TCS_Line35_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	13	CDMU	CDMUP123	32	THERM-175/CDMU_TCS_Line31_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	14	CDMU	CDMUP123	34	THERM-171/CDMU_TCS_Line27_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	15	CDMU	CDMUP123	36	THERM-167/CDMU_TCS_Line23_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	16	CDMU	CDMUP123	38	THERM-163/CDMU_TCS_Line19_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	17	CDMU	CDMUP123	41	THERM-189/CDMU_TCS_Line45_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	18	CDMU	CDMUP123	43	THERM-186/CDMU_TCS_Line42_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	19	CDMU	CDMUP123	45	THERM-182/CDMU_TCS_Line38_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	21	CDMU	CDMUP123	01	THERM-191/CDMU_TCS_Line47_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	22	CDMU	CDMUP123	03	THERM-188/CDMU_TCS_Line44_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	23	CDMU	CDMUP123	05	THERM-184/CDMU_TCS_Line40_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	24	CDMU	CDMUP123	07	THERM-180/CDMU_TCS_Line36_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	25	CDMU	CDMUP123	12	THERM-176/CDMU_TCS_Line32_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	26	CDMU	CDMUP123	14	THERM-172/CDMU_TCS_Line28_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	27	CDMU	CDMUP123	16	THERM-168/CDMU_TCS_Line24_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	28	CDMU	CDMUP123	18	THERM-164/CDMU_TCS_Line20_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	29	CDMU	CDMUP123	21	THERM-190/CDMU_TCS_Line46_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	30	CDMU	CDMUP123	23	THERM-187/CDMU_TCS_Line43_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	31	CDMU	CDMUP123	25	THERM-183/CDMU_TCS_Line39_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	32	CDMU	CDMUP123	27	THERM-179/CDMU_TCS_Line35_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	33	CDMU	CDMUP123	31	THERM-175/CDMU_TCS_Line31_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2

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Location	Bracket	BracketCon	BracketPin	Device Name	Conn Name	Pin	Functional name	Extension	Device Name 1	Pin 1	Signal Type	EMC	N/R
PWR	DB21B	P06	34	CDMU	CDMUP123	33	THERM-171/CDMU_TCS_Line27_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	35	CDMU	CDMUP123	35	THERM-167/CDMU_TCS_Line23_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	36	CDMU	CDMUP123	37	THERM-163/CDMU_TCS_Line19_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	37	CDMU	CDMUP123	40	THERM-189/CDMU_TCS_Line45_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	38	CDMU	CDMUP123	42	THERM-186/CDMU_TCS_Line42_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	39	CDMU	CDMUP123	44	THERM-182/CDMU_TCS_Line38_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	40	CDMU	CDMUP123	47	THERM-178/CDMU_TCS_Line34_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	41	CDMU	CDMUP123	52	THERM-174/CDMU_TCS_Line30_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	42	CDMU	CDMUP123	54	THERM-170/CDMU_TCS_Line26_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	43	CDMU	CDMUP123	56	THERM-166/CDMU_TCS_Line22_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	44	CDMU	CDMUP123	58	THERM-162/CDMU_TCS_Line18_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	45	CDMU	CDMUP123	62	THERM-185/CDMU_TCS_Line41_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	47	CDMU	CDMUP123	66	THERM-177/CDMU_TCS_Line33_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	48	CDMU	CDMUP123	72	THERM-173/CDMU_TCS_Line29_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	49	CDMU	CDMUP123	74	THERM-169/CDMU_TCS_Line25_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	50	CDMU	CDMUP123	76	THERM-165/CDMU_TCS_Line21_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	51	CDMU	CDMUP123	78	THERM-161/CDMU_TCS_Line17_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	53	CDMU	CDMUP125	59	THERM-192/CDMU_TCS_Line48_Th3_Mnt	ACT	THERM	FL1	Therm	IV	RED2
PWR	DB21B	P06	60	CDMU	CDMUP123	46	THERM-178/CDMU_TCS_Line34_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	61	CDMU	CDMUP123	51	THERM-174/CDMU_TCS_Line30_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	62	CDMU	CDMUP123	53	THERM-170/CDMU_TCS_Line26_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	63	CDMU	CDMUP123	55	THERM-166/CDMU_TCS_Line22_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	64	CDMU	CDMUP123	57	THERM-162/CDMU_TCS_Line18_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	65	CDMU	CDMUP123	61	THERM-185/CDMU_TCS_Line41_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	67	CDMU	CDMUP123	65	THERM-177/CDMU_TCS_Line33_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	68	CDMU	CDMUP123	71	THERM-173/CDMU_TCS_Line29_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	69	CDMU	CDMUP123	73	THERM-169/CDMU_TCS_Line25_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	70	CDMU	CDMUP123	75	THERM-165/CDMU_TCS_Line21_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	71	CDMU	CDMUP123	77	THERM-161/CDMU_TCS_Line17_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2
PWR	DB21B	P06	73	CDMU	CDMUP125	19	THERM-192/CDMU_TCS_Line48_Th3_Mnt	RTN	THERM	FL2	Therm	IV	RED2



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6.6 DB03 – HFI Dismountability Bracket Connectors

6.6.1 DB03 P01 – HFI Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HFI	DB03	P01	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line3_Nom_Pwr	ACT	PCDU	PCDUP01	06	PWR	I	NOM
HFI	DB03	P01	2	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line1_Nom_Pwr	ACT	PCDU	PCDUP05	12	PWR	I	NOM
HFI	DB03	P01	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line2_Nom_Pwr	ACT	PCDU	PCDUP05	13	PWR	I	NOM
HFI	DB03	P01	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line4_Nom_Pwr	ACT	PCDU	PCDUP07	03	PWR	I	NOM
HFI	DB03	P01	6	PHBAN	PHBANP05	02	PCDU/PHBA_N_DPU_Nom_Pwr	ACT	PCDU	PCDUP06	11	PWR	I	NOM
HFI	DB03	P01	7	PHBAN	PHBANP141	01	PCDU/PHBAN_REU_Belts10&11_Pwr	ACT	PCDU	PCDUP06	03	PWR	I	NOM
HFI	DB03	P01	8	PHBAN	PHBANP141	03	PCDU/PHBAN_REU_Belts8&9_Pwr	ACT	PCDU	PCDUP32	03	PWR	I	NOM
HFI	DB03	P01	9	PHBAN	PHBANP141	05	PCDU/PHBAN_REU_Belts6&7_Pwr	ACT	PCDU	PCDUP08	05	PWR	I	NOM
HFI	DB03	P01	11	STR1	STR1P01	01	PCDU/STR1_Pwr	RTN	PCDU	PCDUP36	26	PWR	I	NOM
HFI	DB03	P01	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line3_Nom_Pwr	RTN	PCDU	PCDUP01	19	PWR	I	NOM
HFI	DB03	P01	21	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line1_Nom_Pwr	RTN	PCDU	PCDUP05	24	PWR	I	NOM
HFI	DB03	P01	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line2_Nom_Pwr	RTN	PCDU	PCDUP05	25	PWR	I	NOM
HFI	DB03	P01	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line4_Nom_Pwr	RTN	PCDU	PCDUP07	16	PWR	I	NOM
HFI	DB03	P01	25	PHBAN	PHBANP05	04	PCDU/PHBA_N_DPU_Nom_Pwr	RTN	PCDU	PCDUP06	30	PWR	I	NOM
HFI	DB03	P01	26	PHBAN	PHBANP141	09	PCDU/PHBAN_REU_Belts10&11_Pwr	RTN	PCDU	PCDUP06	22	PWR	I	NOM
HFI	DB03	P01	27	PHBAN	PHBANP141	11	PCDU/PHBAN_REU_Belts8&9_Pwr	RTN	PCDU	PCDUP32	22	PWR	I	NOM
HFI	DB03	P01	28	PHBAN	PHBANP141	13	PCDU/PHBAN_REU_Belts6&7_Pwr	RTN	PCDU	PCDUP08	24	PWR	I	NOM
HFI	DB03	P01	30	STR1	STR1P01	03	PCDU/STR1_Pwr	ACT	PCDU	PCDUP36	07	PWR	I	NOM

6.6.2 DB03 P02 – HFI Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HFI	DB03	P02	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line1_Red_Pwr	ACT	PCDU	PCDUP31	05	PWR	I	RED
HFI	DB03	P02	2	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line3_Red_Pwr	ACT	PCDU	PCDUP35	06	PWR	I	RED
HFI	DB03	P02	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line4_Red_Pwr	ACT	PCDU	PCDUP29	10	PWR	I	RED
HFI	DB03	P02	4	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line2_Red_Pwr	ACT	PCDU	PCDUP31	06	PWR	I	RED
HFI	DB03	P02	6	PHBAR	PHBARP05	02	PCDU/PHBA_R_DPU_Red_Pwr	ACT	PCDU	PCDUP32	11	PWR	I	RED
HFI	DB03	P02	7	PHBAR	PHBARP142	01	PCDU/PHBAR_REU_Belts4&5_Pwr	ACT	PCDU	PCDUP30	05	PWR	I	RED
HFI	DB03	P02	8	PHBAR	PHBARP142	03	PCDU/PHBAR_REU_Belts2&3_Pwr	ACT	PCDU	PCDUP30	03	PWR	I	RED
HFI	DB03	P02	9	PHBAR	PHBARP142	05	PCDU/PHBAR_REU_Belts0&1_Pwr	ACT	PCDU	PCDUP08	03	PWR	I	RED
HFI	DB03	P02	11	STR2	STR2P01	01	PCDU/STR2_Pwr	RTN	PCDU	PCDUP02	26	PWR	I	RED
HFI	DB03	P02	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line1_Red_Pwr	RTN	PCDU	PCDUP31	18	PWR	I	RED
HFI	DB03	P02	21	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line3_Red_Pwr	RTN	PCDU	PCDUP35	19	PWR	I	RED
HFI	DB03	P02	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line4_Red_Pwr	RTN	PCDU	PCDUP29	22	PWR	I	RED
HFI	DB03	P02	23	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line2_Red_Pwr	RTN	PCDU	PCDUP31	19	PWR	I	RED
HFI	DB03	P02	25	PHBAR	PHBARP05	04	PCDU/PHBA_R_DPU_Red_Pwr	RTN	PCDU	PCDUP32	30	PWR	I	RED
HFI	DB03	P02	26	PHBAR	PHBARP142	09	PCDU/PHBAR_REU_Belts4&5_Pwr	RTN	PCDU	PCDUP30	24	PWR	I	RED
HFI	DB03	P02	27	PHBAR	PHBARP142	11	PCDU/PHBAR_REU_Belts2&3_Pwr	RTN	PCDU	PCDUP30	22	PWR	I	RED
HFI	DB03	P02	28	PHBAR	PHBARP142	13	PCDU/PHBAR_REU_Belts0&1_Pwr	RTN	PCDU	PCDUP08	22	PWR	I	RED
HFI	DB03	P02	30	STR2	STR2P01	03	PCDU/STR2_Pwr	ACT	PCDU	PCDUP02	07	PWR	I	RED

6.7 DB31 – HFI Dismountability Bracket Connectors

6.7.1 DB31 P05 – HFI Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HFI	DB31	P05	1	PHBAN	PHBANP15	02	CDMU/PHBAN_Sync	ACT	CDMU	CDMUP083	78	LOBT_Sync	II	NOM
HFI	DB31	P05	3	STR1	STR1P01	05	EGSE/STR1_ON_Nom_Cmd	ACT	SK02	SK02J14	07	HP_Cmd	II	NOM
HFI	DB31	P05	4	STR1	STR1P01	14	EGSE/STR1_OFF_Nom_Cmd	ACT	SK02	SK02J14	08	HP_Cmd	II	NOM
HFI	DB31	P05	5	STR1	STR1P01	07	STR1/EGSE_ON/OFF_Sts	ACT	SK02	SK02J14	03	DR_Mnt	II	NOM
HFI	DB31	P05	6	STR2	STR2P01	05	EGSE/STR2_ON_Nom_Cmd	ACT	SK02	SK02J15	07	HP_Cmd	II	NOM
HFI	DB31	P05	7	STR2	STR2P01	14	EGSE/STR2_OFF_Nom_Cmd	ACT	SK02	SK02J15	08	HP_Cmd	II	NOM
HFI	DB31	P05	20	PHBAN	PHBANP15	06	CDMU/PHBAN_Sync	RTN	CDMU	CDMUP083	77	LOBT_Sync	II	NOM
HFI	DB31	P05	21	STR1	STR1P01	06	EGSE/STR1_ON/OFF_RTN_Nom_Cmd	RTN	SK02	SK02J14	18	HP_Cmd	II	NOM
HFI	DB31	P05	21	STR1	STR1P01	06	EGSE/STR1_ON/OFF_RTN_Nom_Cmd	RTN	SK02	SK02J14	18	HP_Cmd	II	NOM
HFI	DB31	P05	24	STR1	STR1P01	08	STR1/EGSE_ON/OFF_Sts	RTN	SK02	SK02J14	04	DR_Mnt	II	NOM
HFI	DB31	P05	25	STR2	STR2P01	06	EGSE/STR2_ON/OFF_RTN_Nom_Cmd	RTN	SK02	SK02J15	18	HP_Cmd	II	NOM
HFI	DB31	P05	25	STR2	STR2P01	06	EGSE/STR2_ON/OFF_RTN_Nom_Cmd	RTN	SK02	SK02J15	18	HP_Cmd	II	NOM

6.7.2 DB31 P06 – HFI Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HFI	DB31	P06	1	PHBAR	PHBARP15	02	CDMU/PHBAR_Sync	ACT	CDMU	CDMUP093	78	LOBT_Sync	II	RED
HFI	DB31	P06	3	STR1	STR1P01	05	EGSE/STR1_ON_Red_Cmd	ACT	SK02	SK02J14	13	HP_Cmd	II	RED
HFI	DB31	P06	4	STR1	STR1P01	14	EGSE/STR1_OFF_Red_Cmd	ACT	SK02	SK02J14	14	HP_Cmd	II	RED
HFI	DB31	P06	5	STR2	STR2P01	07	STR2/EGSE_ON/OFF_Sts	ACT	SK02	SK02J15	03	DR_Mnt	II	RED
HFI	DB31	P06	6	STR2	STR2P01	05	EGSE/STR2_ON_Red_Cmd	ACT	SK02	SK02J15	13	HP_Cmd	II	RED
HFI	DB31	P06	7	STR2	STR2P01	14	EGSE/STR2_OFF_Red_Cmd	ACT	SK02	SK02J15	14	HP_Cmd	II	RED
HFI	DB31	P06	20	PHBAR	PHBARP15	06	CDMU/PHBAR_Sync	RTN	CDMU	CDMUP093	77	LOBT_Sync	II	RED
HFI	DB31	P06	21	STR1	STR1P01	15	EGSE/STR1_ON/OFF_RTN_Red_Cmd	RTN	SK02	SK02J14	21	HP_Cmd	II	RED
HFI	DB31	P06	21	STR1	STR1P01	15	EGSE/STR1_ON/OFF_RTN_Red_Cmd	RTN	SK02	SK02J14	21	HP_Cmd	II	RED
HFI	DB31	P06	24	STR2	STR2P01	08	STR2/EGSE_ON/OFF_Sts	RTN	SK02	SK02J15	04	DR_Mnt	II	RED
HFI	DB31	P06	25	STR2	STR2P01	15	EGSE/STR2_ON/OFF_RTN_Red_Cmd	RTN	SK02	SK02J15	21	HP_Cmd	II	RED
HFI	DB31	P06	25	STR2	STR2P01	15	EGSE/STR2_ON/OFF_RTN_Red_Cmd	RTN	SK02	SK02J15	21	HP_Cmd	II	RED

6.8 DB32 – HFI Dismountability Bracket Connector

6.8.1 DB32 P01 – HFI Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HFI	DB32	P01	1	THERM	N/A	FL1	THERM-050/CDMU_TCS_Line02_Th1_Mnt	ACT	CDMU	CDMUP101	51	Therm	IV	NOM
HFI	DB32	P01	2	THERM	N/A	FL1	THERM-051/CDMU_TCS_Line03_Th1_Mnt	ACT	CDMU	CDMUP101	30	Therm	IV	NOM
HFI	DB32	P01	3	THERM	N/A	FL1	THERM-052/CDMU_TCS_Line04_Th1_Mnt	ACT	CDMU	CDMUP101	11	Therm	IV	NOM
HFI	DB32	P01	4	THERM	N/A	FL1	THERM-049/CDMU_TCS_Line01_Th1_Mnt	ACT	CDMU	CDMUP101	70	Therm	IV	NOM
HFI	DB32	P01	9	THERM	N/A	FL2	THERM-050/CDMU_TCS_Line02_Th1_Mnt	RTN	CDMU	CDMUP101	50	Therm	IV	NOM
HFI	DB32	P01	10	THERM	N/A	FL2	THERM-051/CDMU_TCS_Line03_Th1_Mnt	RTN	CDMU	CDMUP101	29	Therm	IV	NOM
HFI	DB32	P01	11	THERM	N/A	FL2	THERM-052/CDMU_TCS_Line04_Th1_Mnt	RTN	CDMU	CDMUP101	10	Therm	IV	NOM
HFI	DB32	P01	12	THERM	N/A	FL2	THERM-049/CDMU_TCS_Line01_Th1_Mnt	RTN	CDMU	CDMUP101	69	Therm	IV	NOM

6.8.2 DB32 P02 – HFI Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HFI	DB32	P02	1	THERM	N/A	FL1	THERM-097/CDMU_TCS_Line01_Th2_Mnt	ACT	CDMU	CDMUP111	70	Therm	IV	RED
HFI	DB32	P02	2	THERM	N/A	FL1	THERM-098/CDMU_TCS_Line02_Th2_Mnt	ACT	CDMU	CDMUP111	51	Therm	IV	RED
HFI	DB32	P02	3	THERM	N/A	FL1	THERM-099/CDMU_TCS_Line03_Th2_Mnt	ACT	CDMU	CDMUP111	30	Therm	IV	RED
HFI	DB32	P02	4	THERM	N/A	FL1	THERM-100/CDMU_TCS_Line04_Th2_Mnt	ACT	CDMU	CDMUP111	11	Therm	IV	RED
HFI	DB32	P02	9	THERM	N/A	FL2	THERM-097/CDMU_TCS_Line01_Th2_Mnt	RTN	CDMU	CDMUP111	69	Therm	IV	RED
HFI	DB32	P02	10	THERM	N/A	FL2	THERM-098/CDMU_TCS_Line02_Th2_Mnt	RTN	CDMU	CDMUP111	50	Therm	IV	RED
HFI	DB32	P02	11	THERM	N/A	FL2	THERM-099/CDMU_TCS_Line03_Th2_Mnt	RTN	CDMU	CDMUP111	29	Therm	IV	RED
HFI	DB32	P02	12	THERM	N/A	FL2	THERM-100/CDMU_TCS_Line04_Th2_Mnt	RTN	CDMU	CDMUP111	10	Therm	IV	RED

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6.8.3 DB32 P03 – HFI Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
HFI	DB32	P03	1	THERM	N/A	FL1	THERM-148/CDMU_TCS_Line04_Th3_Mnt	ACT	CDMU	CDMUP121	11	Therm	IV	RED2
HFI	DB32	P03	2	THERM	N/A	FL1	THERM-145/CDMU_TCS_Line01_Th3_Mnt	ACT	CDMU	CDMUP121	70	Therm	IV	RED2
HFI	DB32	P03	3	THERM	N/A	FL1	THERM-146/CDMU_TCS_Line02_Th3_Mnt	ACT	CDMU	CDMUP121	51	Therm	IV	RED2
HFI	DB32	P03	4	THERM	N/A	FL1	THERM-147/CDMU_TCS_Line03_Th3_Mnt	ACT	CDMU	CDMUP121	30	Therm	IV	RED2
HFI	DB32	P03	9	THERM	N/A	FL2	THERM-148/CDMU_TCS_Line04_Th3_Mnt	RTN	CDMU	CDMUP121	10	Therm	IV	RED2
HFI	DB32	P03	10	THERM	N/A	FL2	THERM-145/CDMU_TCS_Line01_Th3_Mnt	RTN	CDMU	CDMUP121	69	Therm	IV	RED2
HFI	DB32	P03	11	THERM	N/A	FL2	THERM-146/CDMU_TCS_Line02_Th3_Mnt	RTN	CDMU	CDMUP121	50	Therm	IV	RED2
HFI	DB32	P03	12	THERM	N/A	FL2	THERM-147/CDMU_TCS_Line03_Th3_Mnt	RTN	CDMU	CDMUP121	29	Therm	IV	RED2

6.9 DB04 – HFI 0.1K Dismountability Bracket Connectors

6.9.1 DB04 P03 – HFI 0.1K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	NOMRED
0.1K	DB04	P03	1	PLREN	PLRENP12	4	CDMU/PLREN_LFI-REBA_Nom_Sync	ACT	CDMU	CDMUP083	38	LOBT_Sync	II	NOM
0.1K	DB04	P03	9	PLREN	PLRENP12	5	CDMU/PLREN_LFI-REBA_Nom_Sync	RTN	CDMU	CDMUP083	37	LOBT_Sync	II	NOM

6.9.2 DB04 P04 – HFI 0.1K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	NOMRED
0.1K	DB04	P04	1	PLRER	PLRERP12	4	CDMU/PLRER_LFI-REBA_Red_Sync	ACT	CDMU	CDMUP093	38	LOBT_Sync	II	RED
0.1K	DB04	P04	9	PLRER	PLRERP12	5	CDMU/PLRER_LFI-REBA_Red_Sync	RTN	CDMU	CDMUP093	37	LOBT_Sync	II	RED

6.9.3 DB04 P05 – HFI 0.1K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	NOMRED
0.1K	DB04	P05	1	THERM	N/A	FL1	THERM-084/CDMU_TCS_Line36_Th1_Mnt	ACT	CDMU	CDMUP103	08	Therm	IV	NOM
0.1K	DB04	P05	2	THERM	N/A	FL1	THERM-060/CDMU_TCS_Line12_Th1_Mnt	ACT	CDMU	CDMUP101	07	Therm	IV	NOM
0.1K	DB04	P05	3	THERM	N/A	FL1	THERM-058/CDMU_TCS_Line10_Th1_Mnt	ACT	CDMU	CDMUP101	47	Therm	IV	NOM
0.1K	DB04	P05	9	THERM	N/A	FL2	THERM-084/CDMU_TCS_Line36_Th1_Mnt	RTN	CDMU	CDMUP103	07	Therm	IV	NOM
0.1K	DB04	P05	10	THERM	N/A	FL2	THERM-060/CDMU_TCS_Line12_Th1_Mnt	RTN	CDMU	CDMUP101	06	Therm	IV	NOM
0.1K	DB04	P05	11	THERM	N/A	FL2	THERM-058/CDMU_TCS_Line10_Th1_Mnt	RTN	CDMU	CDMUP101	46	Therm	IV	NOM

6.9.4 DB04 P06 – HFI 0.1K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	NOMRED
0.1K	DB04	P06	1	THERM	N/A	FL1	THERM-132/CDMU_TCS_Line36_Th2_Mnt	ACT	CDMU	CDMUP113	08	Therm	IV	RED
0.1K	DB04	P06	2	THERM	N/A	FL1	THERM-106/CDMU_PHEB_Temp_R	ACT	CDMU	CDMUP111	47	Therm	IV	RED
0.1K	DB04	P06	2	THERM	N/A	FL1	THERM-108/CDMU_TCS_Line12_Th2_Mnt	ACT	CDMU	CDMUP111	07	Therm	IV	RED
0.1K	DB04	P06	9	THERM	N/A	FL2	THERM-132/CDMU_TCS_Line36_Th2_Mnt	RTN	CDMU	CDMUP113	07	Therm	IV	RED
0.1K	DB04	P06	10	THERM	N/A	FL2	THERM-106/CDMU_PHEB_Temp_R	RTN	CDMU	CDMUP111	46	Therm	IV	RED
0.1K	DB04	P06	10	THERM	N/A	FL2	THERM-108/CDMU_TCS_Line12_Th2_Mnt	RTN	CDMU	CDMUP111	06	Therm	IV	RED

6.9.5 DB04 P07 – HFI 0.1K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	NOMRED
0.1K	DB04	P07	1	THERM	N/A	FL1	THERM-180/CDMU_TCS_Line36_Th3_Mnt	ACT	CDMU	CDMUP123	08	Therm	IV	RED2
0.1K	DB04	P07	9	THERM	N/A	FL2	THERM-180/CDMU_TCS_Line36_Th3_Mnt	RTN	CDMU	CDMUP123	07	Therm	IV	RED2

6.10 DB41 – HFI 0.1K Dismountability Bracket Connectors

6.10.1 DB41 P01 – HFI 0.1K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device Name	Conn Name	Pin	Functional name	Extension	Device Name 1	Conn Name 1	Pin 1	Signal Type	EMC	NOMRED
0.1K	DB41	P01	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line36_Nom_Pwr	ACT	PCDU	PCDUP03	10	PWR	I	NOM
0.1K	DB41	P01	2	PHEC	PHECP01	02	PCDU/PHEC_Pwr	ACT	PCDU	PCDUP28	03	PWR	I	NOM
0.1K	DB41	P01	4	PLREN	PLREN11	2	PCDU/PLREN_Reba_Nom_Pwr	ACT	PCDU	PCDUP32	09	PWR	I	NOM
0.1K	DB41	P01	6	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line36_Nom_Pwr	RTN	PCDU	PCDUP03	22	PWR	I	NOM
0.1K	DB41	P01	7	PHEC	PHECP01	06	PCDU/PHEC_Pwr	RTN	PCDU	PCDUP28	22	PWR	I	NOM
0.1K	DB41	P01	9	PLREN	PLREN11	4	PCDU/PLREN_Reba_Nom_Pwr	RTN	PCDU	PCDUP32	28	PWR	I	NOM

6.10.2 DB41 P02 – HFI 0.1K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device Name	Conn Name	Pin	Functional name	Extension	Device Name 1	Conn Name 1	Pin 1	Signal Type	EMC	NOMRED
0.1K	DB41	P02	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line36_Red_Pwr	ACT	PCDU	PCDUP33	03	PWR	I	RED
0.1K	DB41	P02	3	PLRER	PLRERP11	2	PCDU/PLRER_Reba_Red_Pwr	ACT	PCDU	PCDUP06	09	PWR	I	RED
0.1K	DB41	P02	6	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line36_Red_Pwr	RTN	PCDU	PCDUP33	16	PWR	I	RED
0.1K	DB41	P02	8	PLRER	PLRERP11	4	PCDU/PLRER_Reba_Red_Pwr	RTN	PCDU	PCDUP06	28	PWR	I	RED

6.11 DB05 – HFI 4K Dismountability Bracket Connectors

6.11.1 DB05 P01 – HFI 4K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
4K	DB05	P01	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line35_Nom_Pwr	ACT	PCDU	PCDUP01	02	PWR	I	NOM
4K	DB05	P01	2	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line6_Nom_Pwr	ACT	PCDU	PCDUP01	05	PWR	I	NOM
4K	DB05	P01	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line5_Nom_Pwr	ACT	PCDU	PCDUP09	06	PWR	I	NOM
4K	DB05	P01	5	PHCBC	PHCBC12P07	02	PCDU/PHCBC_Reu_Nom_Pwr	ACT	PCDU	PCDUP06	07	PWR	I	NOM
4K	DB05	P01	7	PHDC	PHDCP01A	02	PCDU/PHDC_4KCDE_Nom_Pwr	ACT	PCDU	PCDUP02	03	PWR	I	NOM
4K	DB05	P01	8	PHDC	PHDCP01A	04	PCDU/PHDC_4KC_DriveB_Nom1_Pwr	ACT	PCDU	PCDUP08	11	PWR	I	NOM
4K	DB05	P01	9	PHDC	PHDCP01A	05	PCDU/PHDC_4KC_DriveB_Nom2_Pwr	ACT	PCDU	PCDUP08	13	PWR	I	NOM
4K	DB05	P01	12	PHDC	PHDCP01A	04	PHDJ/PHDC_4KC_DriveB_Nom1_Pwr	ACT	PHDJ	PHDJP02	01	PWR	I	NOM
4K	DB05	P01	14	PHDC	PHDCP01A	05	PHDJ/PHDC_4KC_DriveB_Nom2_Pwr	ACT	PHDJ	PHDJP02	02	PWR	I	NOM
4K	DB05	P01	16	PHDC	PHDCP01A	06	PHDJ/PHDC_4KC_DriveB_Nom3_Pwr	ACT	PHDJ	PHDJP02	03	PWR	I	NOM
4K	DB05	P01	18	PHDC	PHDCP01A	07	PHDJ/PHDC_4KC_DriveB_Nom4_Pwr	ACT	PHDJ	PHDJP02	04	PWR	I	NOM
4K	DB05	P01	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line35_Nom_Pwr	RTN	PCDU	PCDUP01	15	PWR	I	NOM
4K	DB05	P01	21	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line6_Nom_Pwr	RTN	PCDU	PCDUP01	18	PWR	I	NOM
4K	DB05	P01	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line5_Nom_Pwr	RTN	PCDU	PCDUP09	19	PWR	I	NOM
4K	DB05	P01	24	PHCBC	PHCBC12P07	04	PCDU/PHCBC_Reu_Nom_Pwr	RTN	PCDU	PCDUP06	26	PWR	I	NOM
4K	DB05	P01	26	PHDC	PHDCP01A	09	PCDU/PHDC_4KCDE_Nom_Pwr	RTN	PCDU	PCDUP02	22	PWR	I	NOM
4K	DB05	P01	27	PHDC	PHDCP01A	12	PCDU/PHDC_4KC_DriveB_Nom1_Pwr	RTN	PCDU	PCDUP08	30	PWR	I	NOM
4K	DB05	P01	28	PHDC	PHDCP01A	13	PCDU/PHDC_4KC_DriveB_Nom2_Pwr	RTN	PCDU	PCDUP08	32	PWR	I	NOM
4K	DB05	P01	31	PHDC	PHDCP01A	12	PCDU/PHDC_4KC_DriveB_Nom1_Pwr	RTN	PHDJ	PHDJP02	14	PWR	I	NOM
4K	DB05	P01	33	PHDC	PHDCP01A	13	PCDU/PHDC_4KC_DriveB_Nom2_Pwr	RTN	PHDJ	PHDJP02	15	PWR	I	NOM
4K	DB05	P01	35	PHDC	PHDCP01A	14	PCDU/PHDC_4KC_DriveB_Nom3_Pwr	RTN	PHDJ	PHDJP02	16	PWR	I	NOM
4K	DB05	P01	37	PHDC	PHDCP01A	15	PCDU/PHDC_4KC_DriveB_Nom4_Pwr	RTN	PHDJ	PHDJP02	17	PWR	I	NOM

6.11.2 DB05 P02 – HFI 4K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
4K	DB05	P02	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line35_Red_Pwr	ACT	PCDU	PCDUP35	02	PWR		RED
4K	DB05	P02	2	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line6_Red_Pwr	ACT	PCDU	PCDUP35	05	PWR		RED
4K	DB05	P02	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line5_Red_Pwr	ACT	PCDU	PCDUP27	13	PWR		RED
4K	DB05	P02	5	PHCBC	PHCBC13P07	02	PCDU/PHCBC_Reu_Red_Pwr	ACT	PCDU	PCDUP32	07	PWR		RED
4K	DB05	P02	7	PHDC	PHDCP01B	02	PCDU/PHDC_4KCDE_Red_Pwr	ACT	PCDU	PCDUP36	03	PWR		RED
4K	DB05	P02	8	PHDC	PHDCP01B	04	PCDU/PHDC_4KC_DriveB_Red1_Pwr	ACT	PCDU	PCDUP30	11	PWR		RED
4K	DB05	P02	9	PHDC	PHDCP01B	05	PCDU/PHDC_4KC_DriveB_Red2_Pwr	ACT	PCDU	PCDUP30	13	PWR		RED
4K	DB05	P02	12	PHDC	PHDCP01B	04	PHDJ/PHDC_4KC_DriveB_Red1_Pwr	ACT	PHDJ	PHDJP02	05	PWR		RED
4K	DB05	P02	14	PHDC	PHDCP01B	05	PHDJ/PHDC_4KC_DriveB_Red2_Pwr	ACT	PHDJ	PHDJP02	06	PWR		RED
4K	DB05	P02	16	PHDC	PHDCP01B	06	PHDJ/PHDC_4KC_DriveB_Red3_Pwr	ACT	PHDJ	PHDJP02	07	PWR		RED
4K	DB05	P02	18	PHDC	PHDCP01B	07	PHDJ/PHDC_4KC_DriveB_Red4_Pwr	ACT	PHDJ	PHDJP02	08	PWR		RED
4K	DB05	P02	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line35_Red_Pwr	RTN	PCDU	PCDUP35	15	PWR		RED
4K	DB05	P02	21	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line6_Red_Pwr	RTN	PCDU	PCDUP35	18	PWR		RED
4K	DB05	P02	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line5_Red_Pwr	RTN	PCDU	PCDUP27	25	PWR		RED
4K	DB05	P02	24	PHCBC	PHCBC13P07	04	PCDU/PHCBC_Reu_Red_Pwr	RTN	PCDU	PCDUP32	26	PWR		RED
4K	DB05	P02	26	PHDC	PHDCP01B	09	PCDU/PHDC_4KCDE_Red_Pwr	RTN	PCDU	PCDUP36	22	PWR		RED
4K	DB05	P02	27	PHDC	PHDCP01B	12	PCDU/PHDC_4KC_DriveB_Red1_Pwr	RTN	PCDU	PCDUP30	30	PWR		RED
4K	DB05	P02	28	PHDC	PHDCP01B	13	PCDU/PHDC_4KC_DriveB_Red2_Pwr	RTN	PCDU	PCDUP30	32	PWR		RED
4K	DB05	P02	31	PHDC	PHDCP01B	12	PHDJ/PHDC_4KC_DriveB_Red1_Pwr	RTN	PHDJ	PHDJP02	18	PWR		RED
4K	DB05	P02	33	PHDC	PHDCP01B	13	PHDJ/PHDC_4KC_DriveB_Red2_Pwr	RTN	PHDJ	PHDJP02	19	PWR		RED
4K	DB05	P02	35	PHDC	PHDCP01B	14	PHDJ/PHDC_4KC_DriveB_Red3_Pwr	RTN	PHDJ	PHDJP02	20	PWR		RED
4K	DB05	P02	37	PHDC	PHDCP01B	15	PHDJ/PHDC_4KC_DriveB_Red4_Pwr	RTN	PHDJ	PHDJP02	21	PWR		RED

6.11.3 DB05 P03 – HFI 4K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
4K	DB05	P03	1	SAS2	SAS2P01	06	SAS2/EGSE_PH4_Nom_Mnt	ACT	SK05	SK05J06	34	SAS_Mnt	IV	NOM
4K	DB05	P03	2	SAS2	SAS2P01	07	SAS2/EGSE_PH2_Nom_Mnt	ACT	SK05	SK05J06	27	SAS_Mnt	IV	NOM
4K	DB05	P03	3	SAS2	SAS2P01	08	SAS2/EGSE_PH1_Nom_Mnt	ACT	SK05	SK05J06	29	SAS_Mnt	IV	NOM
4K	DB05	P03	4	SAS2	SAS2P01	13	SAS2/EGSE_PH3_Nom_Mnt	ACT	SK05	SK05J06	25	SAS_Mnt	IV	NOM
4K	DB05	P03	9	SAS2	SAS2P01	14	SAS2/EGSE_PH4_Nom_Mnt	RTN	SK05	SK05J06	35	SAS_Mnt	IV	NOM
4K	DB05	P03	10	SAS2	SAS2P01	15	SAS2/EGSE_PH2_Nom_Mnt	RTN	SK05	SK05J06	28	SAS_Mnt	IV	NOM
4K	DB05	P03	11	SAS2	SAS2P01	15	SAS2/EGSE_PH1_Nom_Mnt	RTN	SK05	SK05J06	30	SAS_Mnt	IV	NOM
4K	DB05	P03	12	SAS2	SAS2P01	14	SAS2/EGSE_PH3_Nom_Mnt	RTN	SK05	SK05J06	26	SAS_Mnt	IV	NOM

6.11.4 DB05 P04 – HFI 4K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
4K	DB05	P04	1	SAS2	SAS2P01	01	SAS2/EGSE_PH3_Red_Mnt	ACT	SK05	SK05J07	25	SAS_Mnt	IV	RED
4K	DB05	P04	2	SAS2	SAS2P01	02	SAS2/EGSE_PH4_Red_Mnt	ACT	SK05	SK05J07	34	SAS_Mnt	IV	RED
4K	DB05	P04	3	SAS2	SAS2P01	03	SAS2/EGSE_PH2_Red_Mnt	ACT	SK05	SK05J07	27	SAS_Mnt	IV	RED
4K	DB05	P04	4	SAS2	SAS2P01	11	SAS2/EGSE_PH1_Red_Mnt	ACT	SK05	SK05J07	29	SAS_Mnt	IV	RED
4K	DB05	P04	9	SAS2	SAS2P01	09	SAS2/EGSE_PH3_Red_Mnt	RTN	SK05	SK05J07	26	SAS_Mnt	IV	RED
4K	DB05	P04	10	SAS2	SAS2P01	09	SAS2/EGSE_PH4_Red_Mnt	RTN	SK05	SK05J07	35	SAS_Mnt	IV	RED
4K	DB05	P04	11	SAS2	SAS2P01	10	SAS2/EGSE_PH2_Red_Mnt	RTN	SK05	SK05J07	28	SAS_Mnt	IV	RED
4K	DB05	P04	12	SAS2	SAS2P01	10	SAS2/EGSE_PH1_Red_Mnt	RTN	SK05	SK05J07	30	SAS_Mnt	IV	RED

6.12 DB51 – HFI 4K Dismountability Bracket Connectors

6.12.1 DB51 P01 – HFI 4K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
4K	DB51	P01	1	THERM	N/A	FL1	THERM-054/CDMU_TCS_Line06_Th1_Mnt	ACT	CDMU	CDMUP101	49	Therm	IV	NOM
4K	DB51	P01	2	THERM	N/A	FL2	THERM-054/CDMU_TCS_Line06_Th1_Mnt	RTN	CDMU	CDMUP101	48	Therm	IV	NOM
4K	DB51	P01	3	THERM	N/A	FL1	THERM-053/CDMU_TCS_Line05_Th1_Mnt	ACT	CDMU	CDMUP101	68	Therm	IV	NOM
4K	DB51	P01	4	THERM	N/A	FL2	THERM-053/CDMU_TCS_Line05_Th1_Mnt	RTN	CDMU	CDMUP101	67	Therm	IV	NOM
4K	DB51	P01	6	THERM	N/A	FL1	THERM-060/CDMU_PHDC_Temp_N	ACT	CDMU	CDMUP101	07	Therm	IV	NOM
4K	DB51	P01	7	THERM	N/A	FL2	THERM-060/CDMU_PHDC_Temp_N	RTN	CDMU	CDMUP101	06	Therm	IV	NOM
4K	DB51	P01	8	THERM	N/A	FL1	THERM-083/CDMU_TCS_Line35_Th1_Mnt	ACT	CDMU	CDMUP103	28	Therm	IV	NOM
4K	DB51	P01	9	THERM	N/A	FL2	THERM-083/CDMU_TCS_Line35_Th1_Mnt	RTN	CDMU	CDMUP103	27	Therm	IV	NOM

6.12.2 DB51 P02 – HFI 4K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
4K	DB51	P02	1	THERM	N/A	FL1	THERM-102/CDMU_TCS_Line06_Th2_Mnt	ACT	CDMU	CDMUP111	49	Therm	IV	RED
4K	DB51	P02	2	THERM	N/A	FL2	THERM-102/CDMU_TCS_Line06_Th2_Mnt	RTN	CDMU	CDMUP111	48	Therm	IV	RED
4K	DB51	P02	3	THERM	N/A	FL1	THERM-101/CDMU_TCS_Line05_Th2_Mnt	ACT	CDMU	CDMUP111	68	Therm	IV	RED
4K	DB51	P02	4	THERM	N/A	FL2	THERM-101/CDMU_TCS_Line05_Th2_Mnt	RTN	CDMU	CDMUP111	67	Therm	IV	RED
4K	DB51	P02	5	THERM	N/A	FL2	THERM-108/CDMU_PHDC_Temp_R	RTN	CDMU	CDMUP111	06	Therm	IV	RED
4K	DB51	P02	6	THERM	N/A	FL1	THERM-108/CDMU_PHDC_Temp_R	ACT	CDMU	CDMUP111	07	Therm	IV	RED
4K	DB51	P02	8	THERM	N/A	FL1	THERM-131/CDMU_TCS_Line35_Th2_Mnt	ACT	CDMU	CDMUP113	28	Therm	IV	RED
4K	DB51	P02	9	THERM	N/A	FL2	THERM-131/CDMU_TCS_Line35_Th2_Mnt	RTN	CDMU	CDMUP113	27	Therm	IV	RED

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6.12.3 DB51 P03 – HFI 4K Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
4K	DB51	P03	1	THERM	N/A	FL1	THERM-150/CDMU_TCS_Line06_Th3_Mnt	ACT	CDMU	CDMUP121	49	Therm	IV	RED2
4K	DB51	P03	2	THERM	N/A	FL2	THERM-150/CDMU_TCS_Line06_Th3_Mnt	RTN	CDMU	CDMUP121	48	Therm	IV	RED2
4K	DB51	P03	3	THERM	N/A	FL1	THERM-149/CDMU_TCS_Line05_Th3_Mnt	ACT	CDMU	CDMUP121	68	Therm	IV	RED2
4K	DB51	P03	4	THERM	N/A	FL2	THERM-149/CDMU_TCS_Line05_Th3_Mnt	RTN	CDMU	CDMUP121	67	Therm	IV	RED2
4K	DB51	P03	6	THERM	N/A	FL1	THERM-159/CDMU_TCS_Line15_Th3_Mnt	ACT	CDMU	CDMUP121	24	Therm	IV	RED2
4K	DB51	P03	7	THERM	N/A	FL2	THERM-159/CDMU_TCS_Line15_Th3_Mnt	RTN	CDMU	CDMUP121	23	Therm	IV	RED2
4K	DB51	P03	8	THERM	N/A	FL1	THERM-179/CDMU_TCS_Line35_Th3_Mnt	ACT	CDMU	CDMUP123	28	Therm	IV	RED2
4K	DB51	P03	9	THERM	N/A	FL2	THERM-179/CDMU_TCS_Line35_Th3_Mnt	RTN	CDMU	CDMUP123	27	Therm	IV	RED2

6.13 CB01 – SCS Dismountability Bracket Connectors

6.13.1 CB01 P01 – SCS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P01	1	THERM	N/A	FL1	THERM-055/CDMU_TCS_Line07_Th1_Mnt	ACT	CDMU	CDMUP101	28	Therm	IV	NOM
SCS	CB01	P01	2	THERM	N/A	FL1	THERM-057/CDMU_TCS_Line09_Th1_Mnt	ACT	CDMU	CDMUP101	66	Therm	IV	NOM
SCS	CB01	P01	9	THERM	N/A	FL2	THERM-055/CDMU_TCS_Line07_Th1_Mnt	RTN	CDMU	CDMUP101	27	Therm	IV	NOM
SCS	CB01	P01	10	THERM	N/A	FL2	THERM-057/CDMU_TCS_Line09_Th1_Mnt	RTN	CDMU	CDMUP101	65	Therm	IV	NOM

6.13.2 CB01 P02 – SCS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P02	1	THERM	N/A	FL1	THERM-103/CDMU_TCS_Line07_Th2_Mnt	ACT	CDMU	CDMUP111	28	Therm	IV	RED
SCS	CB01	P02	2	THERM	N/A	FL1	THERM-105/CDMU_TCS_Line09_Th2_Mnt	ACT	CDMU	CDMUP111	66	Therm	IV	RED
SCS	CB01	P02	9	THERM	N/A	FL2	THERM-103/CDMU_TCS_Line07_Th2_Mnt	RTN	CDMU	CDMUP111	27	Therm	IV	RED
SCS	CB01	P02	10	THERM	N/A	FL2	THERM-105/CDMU_TCS_Line09_Th2_Mnt	RTN	CDMU	CDMUP111	65	Therm	IV	RED

6.13.3 CB01 P03 – SCS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P03	1	THERM	N/A	FL1	THERM-153/CDMU_TCS_Line09_Th3_Mnt	ACT	CDMU	CDMUP121	66	Therm	IV	RED2
SCS	CB01	P03	2	THERM	N/A	FL1	THERM-151/CDMU_TCS_Line07_Th3_Mnt	ACT	CDMU	CDMUP121	28	Therm	IV	RED2
SCS	CB01	P03	9	THERM	N/A	FL2	THERM-153/CDMU_TCS_Line09_Th3_Mnt	RTN	CDMU	CDMUP121	65	Therm	IV	RED2
SCS	CB01	P03	10	THERM	N/A	FL2	THERM-151/CDMU_TCS_Line07_Th3_Mnt	RTN	CDMU	CDMUP121	27	Therm	IV	RED2

6.13.4 CB01 P04 – SCS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P04	1	PSM4	PSM4P21	5	CDMU/PSM4_Sync	ACT	CDMU	CDMUP083	19	LOBT_Sync	II	NOM
SCS	CB01	P04	9	PSM4	PSM4P21	9	CDMU/PSM4_Sync	RTN	CDMU	CDMUP083	18	LOBT_Sync	II	NOM

6.13.5 CB01 P05 – SCS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P05	1	PSR4	PSR4P21	5	CDMU/PSR4_Sync	ACT	CDMU	CDMUP093	19	LOBT_Sync	II	RED
SCS	CB01	P05	9	PSR4	PSR4P21	9	CDMU/PSR4_Sync	RTN	CDMU	CDMUP093	18	LOBT_Sync	II	RED

6.13.6 CB01 P06 – SCS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P06	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line11_Nom_Pwr	ACT	PCDU	PCDUP07	02	PWR	I	NOM
SCS	CB01	P06	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line11_Nom_Pwr	ACT	PCDU	PCDUP07	02	PWR	I	NOM
SCS	CB01	P06	2	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line11_Nom_Pwr	RTN	PCDU	PCDUP07	15	PWR	I	NOM
SCS	CB01	P06	2	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line11_Nom_Pwr	RTN	PCDU	PCDUP07	15	PWR	I	NOM
SCS	CB01	P06	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	PCDU	PCDUP05	11	PWR	I	NOM
SCS	CB01	P06	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	PCDU	PCDUP05	11	PWR	I	NOM
SCS	CB01	P06	4	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	PCDU	PCDUP05	23	PWR	I	NOM
SCS	CB01	P06	4	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	PCDU	PCDUP05	23	PWR	I	NOM
SCS	CB01	P06	5	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line15_Nom_Pwr	ACT	PCDU	PCDUP09	08	PWR	I	NOM
SCS	CB01	P06	6	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line15_Nom_Pwr	RTN	PCDU	PCDUP09	20	PWR	I	NOM
SCS	CB01	P06	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line16_Nom_Pwr	ACT	PCDU	PCDUP09	09	PWR	I	NOM
SCS	CB01	P06	8	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line16_Nom_Pwr	RTN	PCDU	PCDUP09	21	PWR	I	NOM
SCS	CB01	P06	9	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Nom_Pwr	ACT	PCDU	PCDUP03	13	PWR	I	NOM
SCS	CB01	P06	10	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Nom_Pwr	RTN	PCDU	PCDUP03	25	PWR	I	NOM

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SCS	CB01	P06	11	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line8_Nom_Pwr	ACT	PCDU	PCDUP03	09	PWR	I	NOM
SCS	CB01	P06	11	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line8_Nom_Pwr	ACT	PCDU	PCDUP03	09	PWR	I	NOM
SCS	CB01	P06	12	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line8_Nom_Pwr	RTN	PCDU	PCDUP03	21	PWR	I	NOM
SCS	CB01	P06	12	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line8_Nom_Pwr	RTN	PCDU	PCDUP03	21	PWR	I	NOM
SCS	CB01	P06	13	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line7_Nom_Pwr	ACT	PCDU	PCDUP03	08	PWR	I	NOM
SCS	CB01	P06	13	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line7_Nom_Pwr	ACT	PCDU	PCDUP03	08	PWR	I	NOM
SCS	CB01	P06	14	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line7_Nom_Pwr	RTN	PCDU	PCDUP03	20	PWR	I	NOM
SCS	CB01	P06	14	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line7_Nom_Pwr	RTN	PCDU	PCDUP03	20	PWR	I	NOM
SCS	CB01	P06	15	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line10_Nom_Pwr	ACT	PCDU	PCDUP03	06	PWR	I	NOM
SCS	CB01	P06	15	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line10_Nom_Pwr	ACT	PCDU	PCDUP03	06	PWR	I	NOM
SCS	CB01	P06	16	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line10_Nom_Pwr	RTN	PCDU	PCDUP03	19	PWR	I	NOM
SCS	CB01	P06	16	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line10_Nom_Pwr	RTN	PCDU	PCDUP03	19	PWR	I	NOM
SCS	CB01	P06	17	PSM4	PSM4P23	7	PCDU/PSM4_SC_Electronics_Nom_Pwr	ACT	PCDU	PCDUP30	10	PWR	I	NOM
SCS	CB01	P06	18	PSM4	PSM4P23	3	PCDU/PSM4_SC_Electronics_Nom_Pwr	RTN	PCDU	PCDUP30	29	PWR	I	NOM
SCS	CB01	P06	19	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line13_Nom_Pwr	ACT	PCDU	PCDUP05	10	PWR	I	NOM
SCS	CB01	P06	19	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line13_Nom_Pwr	ACT	PCDU	PCDUP05	10	PWR	I	NOM
SCS	CB01	P06	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line13_Nom_Pwr	RTN	PCDU	PCDUP05	22	PWR	I	NOM
SCS	CB01	P06	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line13_Nom_Pwr	RTN	PCDU	PCDUP05	22	PWR	I	NOM
SCS	CB01	P06	21	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line9_Nom_Pwr	ACT	PCDU	PCDUP03	02	PWR	I	NOM
SCS	CB01	P06	21	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line9_Nom_Pwr	ACT	PCDU	PCDUP03	02	PWR	I	NOM
SCS	CB01	P06	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line9_Nom_Pwr	RTN	PCDU	PCDUP03	15	PWR	I	NOM
SCS	CB01	P06	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line9_Nom_Pwr	RTN	PCDU	PCDUP03	15	PWR	I	NOM
SCS	CB01	P06	23	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line17_Nom_Pwr	ACT	PCDU	PCDUP07	08	PWR	I	NOM
SCS	CB01	P06	24	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line17_Nom_Pwr	RTN	PCDU	PCDUP07	20	PWR	I	NOM
SCS	CB01	P06	25	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line18_Nom_Pwr	ACT	PCDU	PCDUP07	09	PWR	I	NOM
SCS	CB01	P06	26	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line18_Nom_Pwr	RTN	PCDU	PCDUP07	21	PWR	I	NOM
SCS	CB01	P06	28	PSM4	PSM4P23	2	PCDU/PSM4_SC_Electronics_Nom_Pwr	ACT	PCDU	PCDUP30	09	PWR	I	NOM
SCS	CB01	P06	29	PSM4	PSM4P23	6	PCDU/PSM4_SC_Electronics_Nom_Pwr	RTN	PCDU	PCDUP30	28	PWR	I	NOM
SCS	CB01	P06	30	PSM4	PSM4P24	A	PCDU/PSM4_SC_Compressor_Nom1_Pwr	ACT	PCDU	PCDUP10	07	PWR	I	NOM

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SCS	CB01	P06	31	PSM4	PSM4P24	D	PCDU/PSM4_SC_Compressor_Nom1_Pwr	RTN	PCDU	PCDUP10	26	PWR	I	NOM
SCS	CB01	P06	32	PSM4	PSM4P24	A	PCDU/PSM4_SC_Compressor_Nom1_Pwr	ACT	PCDU	PCDUP10	08	PWR	I	NOM
SCS	CB01	P06	33	PSM4	PSM4P24	D	PCDU/PSM4_SC_Compressor_Nom1_Pwr	RTN	PCDU	PCDUP10	27	PWR	I	NOM
SCS	CB01	P06	34	PSM4	PSM4P24	B	PCDU/PSM4_SC_Compressor_Nom2_Pwr	ACT	PCDU	PCDUP10	09	PWR	I	NOM
SCS	CB01	P06	35	PSM4	PSM4P24	F	PCDU/PSM4_SC_Compressor_Nom2_Pwr	RTN	PCDU	PCDUP10	28	PWR	I	NOM
SCS	CB01	P06	36	PSM4	PSM4P24	C	PCDU/PSM4_SC_Compressor_Nom3_Pwr	ACT	PCDU	PCDUP10	11	PWR	I	NOM
SCS	CB01	P06	37	PSM4	PSM4P24	G	PCDU/PSM4_SC_Compressor_Nom3_Pwr	RTN	PCDU	PCDUP10	30	PWR	I	NOM
SCS	CB01	P06	38	PSM4	PSM4P24	E	PCDU/PSM4_SC_Compressor_Nom4_Pwr	ACT	PCDU	PCDUP10	13	PWR	I	NOM
SCS	CB01	P06	39	PSM4	PSM4P24	H	PCDU/PSM4_SC_Compressor_Nom4_Pwr	RTN	PCDU	PCDUP10	32	PWR	I	NOM
SCS	CB01	P06	40	PSM4	PSM4P24	B	PCDU/PSM4_SC_Compressor_Nom2_Pwr	ACT	PCDU	PCDUP10	10	PWR	I	NOM
SCS	CB01	P06	41	PSM4	PSM4P24	F	PCDU/PSM4_SC_Compressor_Nom2_Pwr	RTN	PCDU	PCDUP10	29	PWR	I	NOM
SCS	CB01	P06	42	PSM4	PSM4P24	C	PCDU/PSM4_SC_Compressor_Nom3_Pwr	ACT	PCDU	PCDUP10	12	PWR	I	NOM
SCS	CB01	P06	43	PSM4	PSM4P24	G	PCDU/PSM4_SC_Compressor_Nom3_Pwr	RTN	PCDU	PCDUP10	31	PWR	I	NOM
SCS	CB01	P06	44	PSM4	PSM4P24	E	PCDU/PSM4_SC_Compressor_Nom4_Pwr	ACT	PCDU	PCDUP10	14	PWR	I	NOM
SCS	CB01	P06	45	PSM4	PSM4P24	H	PCDU/PSM4_SC_Compressor_Nom4_Pwr	RTN	PCDU	PCDUP10	33	PWR	I	NOM

6.13.7 CB01 P07 – SCS Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P07	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line10_Red_Pwr	ACT	PCDU	PCDUP33	13	PWR	I	RED
SCS	CB01	P07	1	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line10_Red_Pwr	ACT	PCDU	PCDUP33	13	PWR	I	RED
SCS	CB01	P07	2	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line10_Red_Pwr	RTN	PCDU	PCDUP33	25	PWR	I	RED
SCS	CB01	P07	2	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line10_Red_Pwr	RTN	PCDU	PCDUP33	25	PWR	I	RED
SCS	CB01	P07	3	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line17_Red_Pwr	ACT	PCDU	PCDUP29	01	PWR	I	RED
SCS	CB01	P07	4	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line17_Red_Pwr	RTN	PCDU	PCDUP29	14	PWR	I	RED
SCS	CB01	P07	5	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Red_Pwr	ACT	PCDU	PCDUP33	06	PWR	I	RED
SCS	CB01	P07	6	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Red_Pwr	RTN	PCDU	PCDUP33	19	PWR	I	RED
SCS	CB01	P07	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line13_Red_Pwr	ACT	PCDU	PCDUP31	03	PWR	I	RED
SCS	CB01	P07	7	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line13_Red_Pwr	ACT	PCDU	PCDUP31	03	PWR	I	RED



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SCS	CB01	P07	8	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line13_Red_Pwr	RTN	PCDU	PCDUP31	16	PWR	I	RED
SCS	CB01	P07	8	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line13_Red_Pwr	RTN	PCDU	PCDUP31	16	PWR	I	RED
SCS	CB01	P07	9	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Red_Pwr	ACT	PCDU	PCDUP31	04	PWR	I	RED
SCS	CB01	P07	9	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line12_Red_Pwr	ACT	PCDU	PCDUP31	04	PWR	I	RED
SCS	CB01	P07	10	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Red_Pwr	RTN	PCDU	PCDUP31	17	PWR	I	RED
SCS	CB01	P07	10	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line12_Red_Pwr	RTN	PCDU	PCDUP31	17	PWR	I	RED
SCS	CB01	P07	11	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line15_Red_Pwr	ACT	PCDU	PCDUP27	01	PWR	I	RED
SCS	CB01	P07	12	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line15_Red_Pwr	RTN	PCDU	PCDUP27	14	PWR	I	RED
SCS	CB01	P07	13	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line9_Red_Pwr	ACT	PCDU	PCDUP33	09	PWR	I	RED
SCS	CB01	P07	13	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line9_Red_Pwr	ACT	PCDU	PCDUP33	09	PWR	I	RED
SCS	CB01	P07	14	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line9_Red_Pwr	RTN	PCDU	PCDUP33	21	PWR	I	RED
SCS	CB01	P07	14	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line9_Red_Pwr	RTN	PCDU	PCDUP33	21	PWR	I	RED
SCS	CB01	P07	15	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line7_Red_Pwr	ACT	PCDU	PCDUP33	01	PWR	I	RED
SCS	CB01	P07	15	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line7_Red_Pwr	ACT	PCDU	PCDUP33	01	PWR	I	RED
SCS	CB01	P07	16	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line7_Red_Pwr	RTN	PCDU	PCDUP33	14	PWR	I	RED
SCS	CB01	P07	16	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line7_Red_Pwr	RTN	PCDU	PCDUP33	14	PWR	I	RED
SCS	CB01	P07	17	PSR4	PSR4P23	7	PCDU/PSR4_SC_Electronics_Red_Pwr	ACT	PCDU	PCDUP08	10	PWR	I	RED
SCS	CB01	P07	18	PSR4	PSR4P23	3	PCDU/PSR4_SC_Electronics_Red_Pwr	RTN	PCDU	PCDUP08	29	PWR	I	RED
SCS	CB01	P07	19	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line11_Red_Pwr	ACT	PCDU	PCDUP29	09	PWR	I	RED
SCS	CB01	P07	19	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line11_Red_Pwr	ACT	PCDU	PCDUP29	09	PWR	I	RED
SCS	CB01	P07	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line11_Red_Pwr	RTN	PCDU	PCDUP29	21	PWR	I	RED
SCS	CB01	P07	20	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line11_Red_Pwr	RTN	PCDU	PCDUP29	21	PWR	I	RED
SCS	CB01	P07	21	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line8_Red_Pwr	ACT	PCDU	PCDUP33	02	PWR	I	RED
SCS	CB01	P07	21	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line8_Red_Pwr	ACT	PCDU	PCDUP33	02	PWR	I	RED
SCS	CB01	P07	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line8_Red_Pwr	RTN	PCDU	PCDUP33	15	PWR	I	RED
SCS	CB01	P07	22	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line8_Red_Pwr	RTN	PCDU	PCDUP33	15	PWR	I	RED
SCS	CB01	P07	23	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line16_Red_Pwr	ACT	PCDU	PCDUP27	02	PWR	I	RED
SCS	CB01	P07	24	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line16_Red_Pwr	RTN	PCDU	PCDUP27	15	PWR	I	RED
SCS	CB01	P07	25	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line18_Red_Pwr	ACT	PCDU	PCDUP29	02	PWR	I	RED
SCS	CB01	P07	26	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line18_Red_Pwr	RTN	PCDU	PCDUP29	15	PWR	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
SCS	CB01	P07	28	PSR4	PSR4P23	2	PCDU/PSR4_SC_Electronics_Red_Pwr	ACT	PCDU	PCDUP08	09	PWR	I	RED
SCS	CB01	P07	29	PSR4	PSR4P23	6	PCDU/PSR4_SC_Electronics_Red_Pwr	RTN	PCDU	PCDUP08	28	PWR	I	RED
SCS	CB01	P07	30	PSR4	PSR4P24	A	PCDU/PSR4_SC_Compressor_Red1_Pwr	ACT	PCDU	PCDUP28	07	PWR	I	RED
SCS	CB01	P07	31	PSR4	PSR4P24	D	PCDU/PSR4_SC_Compressor_Red1_Pwr	RTN	PCDU	PCDUP28	26	PWR	I	RED
SCS	CB01	P07	32	PSR4	PSR4P24	A	PCDU/PSR4_SC_Compressor_Red1_Pwr	ACT	PCDU	PCDUP28	08	PWR	I	RED
SCS	CB01	P07	33	PSR4	PSR4P24	D	PCDU/PSR4_SC_Compressor_Red1_Pwr	RTN	PCDU	PCDUP28	27	PWR	I	RED
SCS	CB01	P07	34	PSR4	PSR4P24	B	PCDU/PSR4_SC_Compressor_Red2_Pwr	ACT	PCDU	PCDUP28	09	PWR	I	RED
SCS	CB01	P07	35	PSR4	PSR4P24	F	PCDU/PSR4_SC_Compressor_Red2_Pwr	RTN	PCDU	PCDUP28	28	PWR	I	RED
SCS	CB01	P07	36	PSR4	PSR4P24	C	PCDU/PSR4_SC_Compressor_Red3_Pwr	ACT	PCDU	PCDUP28	11	PWR	I	RED
SCS	CB01	P07	37	PSR4	PSR4P24	G	PCDU/PSR4_SC_Compressor_Red3_Pwr	RTN	PCDU	PCDUP28	30	PWR	I	RED
SCS	CB01	P07	38	PSR4	PSR4P24	E	PCDU/PSR4_SC_Compressor_Red4_Pwr	ACT	PCDU	PCDUP28	13	PWR	I	RED
SCS	CB01	P07	39	PSR4	PSR4P24	H	PCDU/PSR4_SC_Compressor_Red4_Pwr	RTN	PCDU	PCDUP28	32	PWR	I	RED
SCS	CB01	P07	40	PSR4	PSR4P24	B	PCDU/PSR4_SC_Compressor_Red2_Pwr	ACT	PCDU	PCDUP28	10	PWR	I	RED
SCS	CB01	P07	41	PSR4	PSR4P24	F	PCDU/PSR4_SC_Compressor_Red2_Pwr	RTN	PCDU	PCDUP28	29	PWR	I	RED
SCS	CB01	P07	42	PSR4	PSR4P24	C	PCDU/PSR4_SC_Compressor_Red3_Pwr	ACT	PCDU	PCDUP28	12	PWR	I	RED
SCS	CB01	P07	43	PSR4	PSR4P24	G	PCDU/PSR4_SC_Compressor_Red3_Pwr	RTN	PCDU	PCDUP28	31	PWR	I	RED
SCS	CB01	P07	44	PSR4	PSR4P24	E	PCDU/PSR4_SC_Compressor_Red4_Pwr	ACT	PCDU	PCDUP28	14	PWR	I	RED
SCS	CB01	P07	45	PSR4	PSR4P24	H	PCDU/PSR4_SC_Compressor_Red4_Pwr	RTN	PCDU	PCDUP28	33	PWR	I	RED

6.14 DB09 – TT&C Dismountability Bracket Connectors

6.14.1 DB09 P01 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB09	P01	1	EPC1	EPC1P01	02	PCDU/EPC1_Pwr-1	ACT	PCDU	PCDUP04	11	PWR	I	NOM
TTC	DB09	P01	2	EPC1	EPC1P01	05	PCDU/EPC1_Pwr-1	RTN	PCDU	PCDUP04	30	PWR	I	NOM
TTC	DB09	P01	4	EPC1	EPC1P02	02	PCDU/EPC1_Pwr-2	ACT	PCDU	PCDUP04	12	PWR	I	NOM
TTC	DB09	P01	5	EPC1	EPC1P02	04	PCDU/EPC1_Pwr-2	RTN	PCDU	PCDUP04	31	PWR	I	NOM
TTC	DB09	P01	11	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line19_Nom_Pwr	ACT	PCDU	PCDUP05	06	PWR	I	NOM
TTC	DB09	P01	12	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line20_Nom_Pwr	RTN	PCDU	PCDUP05	15	PWR	I	NOM
TTC	DB09	P01	13	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line20_Nom_Pwr	ACT	PCDU	PCDUP05	02	PWR	I	NOM
TTC	DB09	P01	14	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line19_Nom_Pwr	RTN	PCDU	PCDUP05	19	PWR	I	NOM
TTC	DB09	P01	17	XPND1	XPND1P04	09	PCDU/XPND1_Tx_Pwr-1	ACT	PCDU	PCDUP02	09	PWR	I	NOM
TTC	DB09	P01	18	XPND1	XPND1P04	01	PCDU/XPND1_Tx_Pwr-1	RTN	PCDU	PCDUP02	28	PWR	I	NOM
TTC	DB09	P01	20	XPND1	XPND1P04	15	PCDU/XPND1_Rx_Pwr-1	ACT	PCDU	PCDUP30	01	PWR	I	NOM
TTC	DB09	P01	21	XPND1	XPND1P04	08	PCDU/XPND1_Rx_Pwr-1	RTN	PCDU	PCDUP30	20	PWR	I	NOM
TTC	DB09	P01	23	XPND1	XPND1P05	09	PCDU/XPND1_Tx_Pwr-2	ACT	PCDU	PCDUP02	10	PWR	I	NOM
TTC	DB09	P01	24	XPND1	XPND1P05	01	PCDU/XPND1_Tx_Pwr-2	RTN	PCDU	PCDUP02	29	PWR	I	NOM
TTC	DB09	P01	25	XPND1	XPND1P05	15	PCDU/XPND1_Rx_Pwr-2	ACT	PCDU	PCDUP30	02	PWR	I	NOM
TTC	DB09	P01	26	XPND1	XPND1P05	08	PCDU/XPND1_Rx_Pwr-2	RTN	PCDU	PCDUP30	21	PWR	I	NOM

6.14.2 DB09 P03 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB09	P03	1	EPC2	EPC2P01	02	PCDU/EPC2_Pwr-1	ACT	PCDU	PCDUP34	11	PWR	I	RED
TTC	DB09	P03	2	EPC2	EPC2P01	05	PCDU/EPC2_Pwr-1	RTN	PCDU	PCDUP34	30	PWR	I	RED
TTC	DB09	P03	4	EPC2	EPC2P02	02	PCDU/EPC2_Pwr-2	ACT	PCDU	PCDUP34	12	PWR	I	RED
TTC	DB09	P03	5	EPC2	EPC2P02	04	PCDU/EPC2_Pwr-2	RTN	PCDU	PCDUP34	31	PWR	I	RED
TTC	DB09	P03	11	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line19_Red_Pwr	ACT	PCDU	PCDUP31	13	PWR	I	RED

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB09	P03	12	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line19_Red_Pwr	RTN	PCDU	PCDUP31	25	PWR	I	RED
TTC	DB09	P03	13	HEATER	N/A	FL1	PCDU/HEATER_Htr_Line20_Red_Pwr	ACT	PCDU	PCDUP31	09	PWR	I	RED
TTC	DB09	P03	14	HEATER	N/A	FL2	PCDU/HEATER_Htr_Line20_Red_Pwr	RTN	PCDU	PCDUP31	21	PWR	I	RED
TTC	DB09	P03	17	XPND2	XPND2P04	09	PCDU/XPND2_Tx_Pwr-1	ACT	PCDU	PCDUP34	07	PWR	I	RED
TTC	DB09	P03	18	XPND2	XPND2P04	01	PCDU/XPND2_Tx_Pwr-1	RTN	PCDU	PCDUP34	26	PWR	I	RED
TTC	DB09	P03	20	XPND2	XPND2P04	15	PCDU/XPND2_Rx_Pwr-1	ACT	PCDU	PCDUP08	01	PWR	I	RED
TTC	DB09	P03	21	XPND2	XPND2P04	08	PCDU/XPND2_Rx_Pwr-1	RTN	PCDU	PCDUP08	20	PWR	I	RED
TTC	DB09	P03	23	XPND2	XPND2P05	09	PCDU/XPND2_Tx_Pwr-2	ACT	PCDU	PCDUP34	08	PWR	I	RED
TTC	DB09	P03	24	XPND2	XPND2P05	01	PCDU/XPND2_Tx_Pwr-2	RTN	PCDU	PCDUP34	27	PWR	I	RED
TTC	DB09	P03	25	XPND2	XPND2P05	15	PCDU/XPND2_Rx_Pwr-2	ACT	PCDU	PCDUP08	02	PWR	I	RED
TTC	DB09	P03	26	XPND2	XPND2P05	08	PCDU/XPND2_Rx_Pwr-2	RTN	PCDU	PCDUP08	21	PWR	I	RED

6.15 DB91 – TT&C Dismountability Bracket Connectors

6.15.1 DB91 P03 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P03	1	EPC1	EPC1P01	28	EPC1/CDMU_ARU_Sts	ACT	CDMU	CDMUP083	76	DB_Mnt	II	NOM
TTC	DB91	P03	2	EPC1	EPC1P01	30	EPC1/CDMU_TWTA_ON/OFF_Sts	ACT	CDMU	CDMUP081	21	DB_Mnt	II	NOM
TTC	DB91	P03	3	EPC1	EPC1P01	31	CDMU/EPC1_EPC_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	30	HP_Cmd	II	NOM
TTC	DB91	P03	4	EPC1	EPC1P01	10	EPC1/CDMU_EPC_ON/OFF_Sts	ACT	CDMU	CDMUP081	61	DB_Mnt	II	NOM
TTC	DB91	P03	5	EPC1	EPC1P01	12	CDMU/EPC1_TWTA_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	12	HP_Cmd	II	NOM
TTC	DB91	P03	6	EPC1	EPC1P01	17	CDMU/EPC1_TWTA_ON_Nom_Cmd	ACT	CDMU	CDMUP045	68	HP_Cmd	II	NOM
TTC	DB91	P03	8	EPC2	EPC2P01	12	CDMU/EPC2_TWTA_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	50	HP_Cmd	II	NOM
TTC	DB91	P03	9	EPC2	EPC2P01	17	CDMU/EPC2_TWTA_ON_Nom_Cmd	ACT	CDMU	CDMUP045	31	HP_Cmd	II	NOM
TTC	DB91	P03	10	EPC2	EPC2P01	31	CDMU/EPC2_EPC_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	70	HP_Cmd	II	NOM
TTC	DB91	P03	11	EPC2	EPC2P01	32	CDMU/EPC2_EPC_ON_Nom_Cmd	ACT	CDMU	CDMUP045	51	HP_Cmd	II	NOM
TTC	DB91	P03	12	EPC1	EPC1P01	32	CDMU/EPC1_EPC_ON_Nom_Cmd	ACT	CDMU	CDMUP045	13	HP_Cmd	II	NOM
TTC	DB91	P03	13	RFDN	RFDNP09	01	RFDN/CDMU_TM_SW1_Pos1_Sts	ACT	CDMU	CDMUP083	08	DR_Mnt	II	NOM
TTC	DB91	P03	14	RFDN	RFDNP09	02	RFDN/CDMU_TM_SW1_Pos2_Sts	ACT	CDMU	CDMUP093	08	DR_Mnt	II	NOM
TTC	DB91	P03	15	RFDN	RFDNP09	04	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	15	EHP_Cmd	II	NOM
TTC	DB91	P03	16	RFDN	RFDNP09	12	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	16	EHP_Cmd	II	NOM
TTC	DB91	P03	21	EPC1	EPC1P01	09	EPC1/CDMU_ARU_Sts	RTN	CDMU	CDMUP083	75	DB_Mnt	II	NOM
TTC	DB91	P03	22	EPC1	EPC1P01	09	EPC1/CDMU_TWTA_ON/OFF_Sts	RTN	CDMU	CDMUP081	01	DB_Mnt	II	NOM
TTC	DB91	P03	23	EPC1	EPC1P01	13	CDMU/EPC1_EPC_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	29	HP_Cmd	II	NOM
TTC	DB91	P03	24	EPC1	EPC1P01	09	EPC1/CDMU_EPC_ON/OFF_Sts	RTN	CDMU	CDMUP081	41	DB_Mnt	II	NOM
TTC	DB91	P03	25	EPC1	EPC1P01	14	CDMU/EPC1_TWTA_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	11	HP_Cmd	II	NOM
TTC	DB91	P03	26	EPC1	EPC1P01	14	CDMU/EPC1_TWTA_ON_Nom_Cmd	RTN	CDMU	CDMUP045	69	HP_Cmd	II	NOM
TTC	DB91	P03	28	EPC2	EPC2P01	14	CDMU/EPC2_TWTA_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	49	HP_Cmd	II	NOM
TTC	DB91	P03	29	EPC2	EPC2P01	14	CDMU/EPC2_TWTA_ON_Nom_Cmd	RTN	CDMU	CDMUP045	29	HP_Cmd	II	NOM
TTC	DB91	P03	30	EPC2	EPC2P01	13	CDMU/EPC2_EPC_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	69	HP_Cmd	II	NOM
TTC	DB91	P03	31	EPC2	EPC2P01	13	CDMU/EPC2_EPC_ON_Nom_Cmd	RTN	CDMU	CDMUP045	52	HP_Cmd	II	NOM

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P03	32	EPC1	EPC1P01	13	CDMU/EPC1_EPC_ON_Nom_Cmd	RTN	CDMU	CDMUP045	14	HP_Cmd	II	NOM
TTC	DB91	P03	33	RFDN	RFDNP09	03	RFDN/CDMU_TM_SW1_Pos1_Sts	RTN	CDMU	CDMUP083	07	DR_Mnt	II	NOM
TTC	DB91	P03	34	RFDN	RFDNP09	03	RFDN/CDMU_TM_SW1_Pos2_Sts	RTN	CDMU	CDMUP093	07	DR_Mnt	II	NOM
TTC	DB91	P03	35	RFDN	RFDNP09	05	CDMU/RFDN_TC_SW1_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	14	EHP_Cmd	II	NOM
TTC	DB91	P03	36	RFDN	RFDNP09	15	CDMU/RFDN_TC_SW1_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	17	EHP_Cmd	II	NOM
TTC	DB91	P03	40	RFDN	RFDNP10	01	RFDN/CDMU_TM_SW2_Pos1_Sts	ACT	CDMU	CDMUP083	66	DR_Mnt	II	NOM
TTC	DB91	P03	41	RFDN	RFDNP10	02	RFDN/CDMU_TM_SW2_Pos2_Sts	ACT	CDMU	CDMUP093	66	DR_Mnt	II	NOM
TTC	DB91	P03	42	RFDN	RFDNP10	04	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	33	EHP_Cmd	II	NOM
TTC	DB91	P03	43	RFDN	RFDNP10	12	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	34	EHP_Cmd	II	NOM
TTC	DB91	P03	45	RFDN	RFDNP11	04	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	53	EHP_Cmd	II	NOM
TTC	DB91	P03	46	RFDN	RFDNP11	12	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	54	EHP_Cmd	II	NOM
TTC	DB91	P03	47	RFDN	RFDNP12	04	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	ACT	CDMU	CDMUP045	73	EHP_Cmd	II	NOM
TTC	DB91	P03	48	RFDN	RFDNP12	12	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	ACT	CDMU	CDMUP045	74	EHP_Cmd	II	NOM
TTC	DB91	P03	60	RFDN	RFDNP10	03	RFDN/CDMU_TM_SW2_Pos1_Sts	RTN	CDMU	CDMUP083	65	DR_Mnt	II	NOM
TTC	DB91	P03	61	RFDN	RFDNP10	03	RFDN/CDMU_TM_SW2_Pos2_Sts	RTN	CDMU	CDMUP093	65	DR_Mnt	II	NOM
TTC	DB91	P03	62	RFDN	RFDNP10	05	CDMU/RFDN_TC_SW2_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	32	EHP_Cmd	II	NOM
TTC	DB91	P03	63	RFDN	RFDNP10	15	CDMU/RFDN_TC_SW2_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	32	EHP_Cmd	II	NOM
TTC	DB91	P03	65	RFDN	RFDNP11	05	CDMU/RFDN_TC_SW3_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	52	EHP_Cmd	II	NOM
TTC	DB91	P03	66	RFDN	RFDNP11	15	CDMU/RFDN_TC_SW3_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	55	EHP_Cmd	II	NOM
TTC	DB91	P03	67	RFDN	RFDNP12	05	CDMU/RFDN_TC_SW4_Pos1_Nom_Cmd	RTN	CDMU	CDMUP045	72	EHP_Cmd	II	NOM
TTC	DB91	P03	68	RFDN	RFDNP12	15	CDMU/RFDN_TC_SW4_Pos2_Nom_Cmd	RTN	CDMU	CDMUP045	72	EHP_Cmd	II	NOM

6.15.2 DB91 P04 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P04	1	XPND1	XPND1P04	04	CDMU/XPND1_Tx_ON_Nom_Cmd	ACT	CDMU	CDMUP045	28	HP_Cmd	II	NOM
TTC	DB91	P04	2	XPND1	XPND1P04	05	CDMU/XPND1_Tx_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	47	HP_Cmd	II	NOM
TTC	DB91	P04	3	XPND1	XPND1P04	10	CDMU/XPND1_Rx_RateSelection_4KBps_Cmd	ACT	CDMU	CDMUP093	09	HL_Cmd	II	NOM
TTC	DB91	P04	4	XPND1	XPND1P04	11	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	ACT	CDMU	CDMUP093	11	HL_Cmd	II	NOM

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TTC	DB91	P04	6	XPND1	XPND1P06	01	XPND1/CDMU_TC_Data	TRUE	CDMU	CDMUP043	04	SBDL	II	NOM
TTC	DB91	P04	7	XPND1	XPND1P06	03	XPND1/CDMU_TC_Squelch	TRUE	CDMU	CDMUP043	02	SBDL	II	NOM
TTC	DB91	P04	8	XPND1	XPND1P06	05	XPND1/CDMU_TC_Clock	TRUE	CDMU	CDMUP043	03	SBDL	II	NOM
TTC	DB91	P04	9	XPND1	XPND1P06	07	XPND1/CDMU_TC_RF_Lock	TRUE	CDMU	CDMUP043	05	SBDL	II	NOM
TTC	DB91	P04	10	XPND1	XPND1P06	11	CDMU/XPND1_TM_Clock	TRUE	CDMU	CDMUP043	07	SBDL	II	NOM
TTC	DB91	P04	11	XPND1	XPND1P06	13	CDMU/XPND1_TM_Data	TRUE	CDMU	CDMUP043	08	SBDL	II	NOM
TTC	DB91	P04	13	XPND1	XPND1P08	07	XPND1/CDMU_Tx_ON/OFF_Sts	ACT	CDMU	CDMUP083	28	DR_Mnt	II	NOM
TTC	DB91	P04	14	XPND1	XPND1P08	21	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	ACT	CDMU	CDMUP083	16	DB_Mnt	II	NOM
TTC	DB91	P04	16	XPND2	XPND2P04	04	CDMU/XPND2_Tx_ON_Nom_Cmd	ACT	CDMU	CDMUP045	48	HP_Cmd	II	NOM
TTC	DB91	P04	17	XPND2	XPND2P04	05	CDMU/XPND2_Tx_OFF_Nom_Cmd	ACT	CDMU	CDMUP045	67	HP_Cmd	II	NOM
TTC	DB91	P04	21	XPND1	XPND1P04	12	CDMU/XPND1_Tx_ON_Nom_Cmd	RTN	CDMU	CDMUP045	26	HP_Cmd	II	NOM
TTC	DB91	P04	22	XPND1	XPND1P04	12	CDMU/XPND1_Tx_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	46	HP_Cmd	II	NOM
TTC	DB91	P04	23	XPND1	XPND1P04	07	CDMU/XPND1_Rx_RateSelection_4KBps_Cmd	RTN	CDMU	CDMUP093	10	HL_Cmd	II	NOM
TTC	DB91	P04	24	XPND1	XPND1P04	07	CDMU/XPND1_Rx_RateSelection_125Bps_Cmd	RTN	CDMU	CDMUP093	10	HL_Cmd	II	NOM
TTC	DB91	P04	26	XPND1	XPND1P06	14	XPND1/CDMU_TC_Data	COMP	CDMU	CDMUP043	23	SBDL	II	NOM
TTC	DB91	P04	27	XPND1	XPND1P06	16	XPND1/CDMU_TC_Squelch	COMP	CDMU	CDMUP043	21	SBDL	II	NOM
TTC	DB91	P04	28	XPND1	XPND1P06	18	XPND1/CDMU_TC_Clock	COMP	CDMU	CDMUP043	22	SBDL	II	NOM
TTC	DB91	P04	29	XPND1	XPND1P06	20	XPND1/CDMU_TC_RF_Lock	COMP	CDMU	CDMUP043	24	SBDL	II	NOM
TTC	DB91	P04	30	XPND1	XPND1P06	23	CDMU/XPND1_TM_Clock	COMP	CDMU	CDMUP043	26	SBDL	II	NOM
TTC	DB91	P04	31	XPND1	XPND1P06	25	CDMU/XPND1_TM_Data	COMP	CDMU	CDMUP043	27	SBDL	II	NOM
TTC	DB91	P04	33	XPND1	XPND1P08	20	XPND1/CDMU_Tx_ON/OFF_Sts	RTN	CDMU	CDMUP083	27	DR_Mnt	II	NOM
TTC	DB91	P04	34	XPND1	XPND1P08	22	XPND1/CDMU_Rx_RateSelection_125/4K_Sts	RTN	CDMU	CDMUP083	15	DB_Mnt	II	NOM
TTC	DB91	P04	36	XPND2	XPND2P04	12	CDMU/XPND2_Tx_ON_Nom_Cmd	RTN	CDMU	CDMUP045	49	HP_Cmd	II	NOM
TTC	DB91	P04	37	XPND2	XPND2P04	12	CDMU/XPND2_Tx_OFF_Nom_Cmd	RTN	CDMU	CDMUP045	66	HP_Cmd	II	NOM

6.15.3 DB91 P05 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P05	1	EPC1	EPC1P02	08	CDMU/EPC1_TWTA_ON_Red_Cmd	ACT	CDMU	CDMUP055	68	HP_Cmd	II	RED
TTC	DB91	P05	2	EPC1	EPC1P02	07	CDMU/EPC1_TWTA_OFF_Red_Cmd	ACT	CDMU	CDMUP055	12	HP_Cmd	II	RED
TTC	DB91	P05	3	EPC1	EPC1P02	14	CDMU/EPC1_EPC_OFF_Red_Cmd	ACT	CDMU	CDMUP055	30	HP_Cmd	II	RED
TTC	DB91	P05	4	EPC1	EPC1P02	15	CDMU/EPC1_EPC_ON_Red_Cmd	ACT	CDMU	CDMUP055	13	HP_Cmd	II	RED
TTC	DB91	P05	5	XPND2	XPND2P05	03	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	ACT	CDMU	CDMUP093	29	HP_Cmd	II	RED
TTC	DB91	P05	6	EPC2	EPC2P01	10	EPC2/CDMU_EPC_ON/OFF_Sts	ACT	CDMU	CDMUP091	61	DB_Mnt	II	RED
TTC	DB91	P05	7	EPC2	EPC2P01	28	EPC2/CDMU_ARU_Sts	ACT	CDMU	CDMUP093	76	DB_Mnt	II	RED
TTC	DB91	P05	8	EPC2	EPC2P01	30	EPC2/CDMU_TWTA_ON/OFF_Sts	ACT	CDMU	CDMUP091	21	DB_Mnt	II	RED
TTC	DB91	P05	9	XPND2	XPND2P05	07	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	ACT	CDMU	CDMUP093	31	HP_Cmd	II	RED
TTC	DB91	P05	10	EPC2	EPC2P02	07	CDMU/EPC2_TWTA_OFF_Red_Cmd	ACT	CDMU	CDMUP055	50	HP_Cmd	II	RED
TTC	DB91	P05	11	EPC2	EPC2P02	08	CDMU/EPC2_TWTA_ON_Red_Cmd	ACT	CDMU	CDMUP055	31	HP_Cmd	II	RED
TTC	DB91	P05	12	EPC2	EPC2P02	14	CDMU/EPC2_EPC_OFF_Red_Cmd	ACT	CDMU	CDMUP055	70	HP_Cmd	II	RED
TTC	DB91	P05	13	EPC2	EPC2P02	15	CDMU/EPC2_EPC_ON_Red_Cmd	ACT	CDMU	CDMUP055	51	HP_Cmd	II	RED
TTC	DB91	P05	14	XPND1	XPND1P05	03	CDMU/XPND1_Rx_RateSelection_4KBps_Red_Cmd	ACT	CDMU	CDMUP125	56	HP_Cmd	II	RED
TTC	DB91	P05	15	RFDN	RFDNP09	06	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	16	EHP_Cmd	II	RED
TTC	DB91	P05	16	RFDN	RFDNP09	13	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	15	EHP_Cmd	II	RED
TTC	DB91	P05	17	XPND1	XPND1P05	07	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	ACT	CDMU	CDMUP125	58	HP_Cmd	II	RED
TTC	DB91	P05	21	EPC1	EPC1P02	06	CDMU/EPC1_TWTA_ON_Red_Cmd	RTN	CDMU	CDMUP055	69	HP_Cmd	II	RED
TTC	DB91	P05	22	EPC1	EPC1P02	06	CDMU/EPC1_TWTA_OFF_Red_Cmd	RTN	CDMU	CDMUP055	11	HP_Cmd	II	RED
TTC	DB91	P05	23	EPC1	EPC1P02	13	CDMU/EPC1_EPC_OFF_Red_Cmd	RTN	CDMU	CDMUP055	29	HP_Cmd	II	RED
TTC	DB91	P05	24	EPC1	EPC1P02	13	CDMU/EPC1_EPC_ON_Red_Cmd	RTN	CDMU	CDMUP055	14	HP_Cmd	II	RED
TTC	DB91	P05	25	XPND2	XPND2P05	11	CDMU/XPND2_Rx_RateSelection_4KBps_Red_Cmd	RTN	CDMU	CDMUP093	30	HP_Cmd	II	RED
TTC	DB91	P05	26	EPC2	EPC2P01	09	EPC2/CDMU_EPC_ON/OFF_Sts	RTN	CDMU	CDMUP091	41	DB_Mnt	II	RED
TTC	DB91	P05	27	EPC2	EPC2P01	09	EPC2/CDMU_ARU_Sts	RTN	CDMU	CDMUP093	75	DB_Mnt	II	RED
TTC	DB91	P05	28	EPC2	EPC2P01	09	EPC2/CDMU_TWTA_ON/OFF_Sts	RTN	CDMU	CDMUP091	01	DB_Mnt	II	RED
TTC	DB91	P05	29	XPND2	XPND2P05	11	CDMU/XPND2_Rx_RateSelection_125Bps_Red_Cmd	RTN	CDMU	CDMUP093	30	HP_Cmd	II	RED



Herschel – Planck Dismountability Bracket Connector list (SVM Harnesses)

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Ext	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P05	30	EPC2	EPC2P02	06	CDMU/EPC2_TWTA_OFF_Red_Cmd	RTN	CDMU	CDMUP055	49	HP_Cmd	II	RED
TTC	DB91	P05	31	EPC2	EPC2P02	06	CDMU/EPC2_TWTA_ON_Red_Cmd	RTN	CDMU	CDMUP055	29	HP_Cmd	II	RED
TTC	DB91	P05	32	EPC2	EPC2P02	13	CDMU/EPC2_EPC_OFF_Red_Cmd	RTN	CDMU	CDMUP055	69	HP_Cmd	II	RED
TTC	DB91	P05	33	EPC2	EPC2P02	13	CDMU/EPC2_EPC_ON_Red_Cmd	RTN	CDMU	CDMUP055	52	HP_Cmd	II	RED
TTC	DB91	P05	34	XPND1	XPND1P05	11	CDMU/XPND1_Rx_RateSelection_4Kbps_Red_Cmd	RTN	CDMU	CDMUP125	57	HP_Cmd	II	RED
TTC	DB91	P05	35	RFDN	RFDNP09	10	CDMU/RFDN_TC_SW1_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	14	EHP_Cmd	II	RED
TTC	DB91	P05	36	RFDN	RFDNP09	14	CDMU/RFDN_TC_SW1_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	17	EHP_Cmd	II	RED
TTC	DB91	P05	37	XPND1	XPND1P05	11	CDMU/XPND1_Rx_RateSelection_125Bps_Red_Cmd	RTN	CDMU	CDMUP125	57	HP_Cmd	II	RED
TTC	DB91	P05	40	RFDN	RFDNP10	06	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	34	EHP_Cmd	II	RED
TTC	DB91	P05	41	RFDN	RFDNP10	13	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	33	EHP_Cmd	II	RED
TTC	DB91	P05	43	RFDN	RFDNP11	02	RFDN/CDMU_TM_SW3_Pos2_Sts	ACT	CDMU	CDMUP093	46	DR_Mnt	II	RED
TTC	DB91	P05	44	RFDN	RFDNP11	01	RFDN/CDMU_TM_SW3_Pos1_Sts	ACT	CDMU	CDMUP083	46	DR_Mnt	II	RED
TTC	DB91	P05	45	RFDN	RFDNP11	06	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	54	EHP_Cmd	II	RED
TTC	DB91	P05	46	RFDN	RFDNP11	13	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	53	EHP_Cmd	II	RED
TTC	DB91	P05	48	RFDN	RFDNP12	02	RFDN/CDMU_TM_SW4_Pos2_Sts	ACT	CDMU	CDMUP093	26	DR_Mnt	II	RED
TTC	DB91	P05	49	RFDN	RFDNP12	01	RFDN/CDMU_TM_SW4_Pos1_Sts	ACT	CDMU	CDMUP083	26	DR_Mnt	II	RED
TTC	DB91	P05	50	RFDN	RFDNP12	06	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	ACT	CDMU	CDMUP055	74	EHP_Cmd	II	RED
TTC	DB91	P05	51	RFDN	RFDNP12	13	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	ACT	CDMU	CDMUP055	73	EHP_Cmd	II	RED
TTC	DB91	P05	60	RFDN	RFDNP10	10	CDMU/RFDN_TC_SW2_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	32	EHP_Cmd	II	RED
TTC	DB91	P05	61	RFDN	RFDNP10	14	CDMU/RFDN_TC_SW2_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	32	EHP_Cmd	II	RED
TTC	DB91	P05	63	RFDN	RFDNP11	03	RFDN/CDMU_TM_SW3_Pos2_Sts	RTN	CDMU	CDMUP093	45	DR_Mnt	II	RED
TTC	DB91	P05	64	RFDN	RFDNP11	03	RFDN/CDMU_TM_SW3_Pos1_Sts	RTN	CDMU	CDMUP083	45	DR_Mnt	II	RED
TTC	DB91	P05	65	RFDN	RFDNP11	10	CDMU/RFDN_TC_SW3_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	52	EHP_Cmd	II	RED
TTC	DB91	P05	66	RFDN	RFDNP11	14	CDMU/RFDN_TC_SW3_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	52	EHP_Cmd	II	RED
TTC	DB91	P05	68	RFDN	RFDNP12	03	RFDN/CDMU_TM_SW4_Pos2_Sts	RTN	CDMU	CDMUP093	25	DR_Mnt	II	RED
TTC	DB91	P05	69	RFDN	RFDNP12	03	RFDN/CDMU_TM_SW4_Pos1_Sts	RTN	CDMU	CDMUP083	25	DR_Mnt	II	RED
TTC	DB91	P05	70	RFDN	RFDNP12	10	CDMU/RFDN_TC_SW4_Pos1_Red_Cmd	RTN	CDMU	CDMUP055	72	EHP_Cmd	II	RED
TTC	DB91	P05	71	RFDN	RFDNP12	14	CDMU/RFDN_TC_SW4_Pos2_Red_Cmd	RTN	CDMU	CDMUP055	72	EHP_Cmd	II	RED

6.15.4 DB91 P06 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P06	1	XPND1	XPND1P05	04	CDMU/XPND1_Tx_ON_Red_Cmd	ACT	CDMU	CDMUP055	28	HP_Cmd	II	RED
TTC	DB91	P06	2	XPND1	XPND1P05	05	CDMU/XPND1_Tx_OFF_Red_Cmd	ACT	CDMU	CDMUP055	47	HP_Cmd	II	RED
TTC	DB91	P06	4	XPND2	XPND2P04	10	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	ACT	CDMU	CDMUP125	76	HL_Cmd	II	RED
TTC	DB91	P06	5	XPND2	XPND2P04	11	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	ACT	CDMU	CDMUP125	78	HL_Cmd	II	RED
TTC	DB91	P06	7	XPND2	XPND2P05	04	CDMU/XPND2_Tx_ON_Red_Cmd	ACT	CDMU	CDMUP055	48	HP_Cmd	II	RED
TTC	DB91	P06	8	XPND2	XPND2P05	05	CDMU/XPND2_Tx_OFF_Red_Cmd	ACT	CDMU	CDMUP055	67	HP_Cmd	II	RED
TTC	DB91	P06	10	XPND2	XPND2P06	01	XPND2/CDMU_TC_Data	TRUE	CDMU	CDMUP053	04	SBDL	II	RED
TTC	DB91	P06	11	XPND2	XPND2P06	03	XPND2/CDMU_TC_Squelch	TRUE	CDMU	CDMUP053	02	SBDL	II	RED
TTC	DB91	P06	12	XPND2	XPND2P06	05	XPND2/CDMU_TC_Clock	TRUE	CDMU	CDMUP053	03	SBDL	II	RED
TTC	DB91	P06	13	XPND2	XPND2P06	07	XPND2/CDMU_TC_RF_Lock	TRUE	CDMU	CDMUP053	05	SBDL	II	RED
TTC	DB91	P06	14	XPND2	XPND2P06	11	CDMU/XPND2_TM_Clock	TRUE	CDMU	CDMUP053	07	SBDL	II	RED
TTC	DB91	P06	15	XPND2	XPND2P06	13	CDMU/XPND2_TM_Data	TRUE	CDMU	CDMUP053	08	SBDL	II	RED
TTC	DB91	P06	17	XPND2	XPND2P08	07	XPND2/CDMU_Tx_ON/OFF_Sts	ACT	CDMU	CDMUP093	28	DR_Mnt	II	RED
TTC	DB91	P06	18	XPND2	XPND2P08	21	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	ACT	CDMU	CDMUP093	16	DB_Mnt	II	RED
TTC	DB91	P06	21	XPND1	XPND1P05	12	CDMU/XPND1_Tx_ON_Red_Cmd	RTN	CDMU	CDMUP055	26	HP_Cmd	II	RED
TTC	DB91	P06	22	XPND1	XPND1P05	12	CDMU/XPND1_Tx_OFF_Red_Cmd	RTN	CDMU	CDMUP055	46	HP_Cmd	II	RED
TTC	DB91	P06	24	XPND2	XPND2P04	07	CDMU/XPND2_Rx_RateSelection_4KBps_Cmd	RTN	CDMU	CDMUP125	77	HL_Cmd	II	RED
TTC	DB91	P06	25	XPND2	XPND2P04	07	CDMU/XPND2_Rx_RateSelection_125Bps_Cmd	RTN	CDMU	CDMUP125	77	HL_Cmd	II	RED
TTC	DB91	P06	27	XPND2	XPND2P05	12	CDMU/XPND2_Tx_ON_Red_Cmd	RTN	CDMU	CDMUP055	49	HP_Cmd	II	RED
TTC	DB91	P06	28	XPND2	XPND2P05	12	CDMU/XPND2_Tx_OFF_Red_Cmd	RTN	CDMU	CDMUP055	66	HP_Cmd	II	RED
TTC	DB91	P06	30	XPND2	XPND2P06	14	XPND2/CDMU_TC_Data	COMP	CDMU	CDMUP053	23	SBDL	II	RED
TTC	DB91	P06	31	XPND2	XPND2P06	16	XPND2/CDMU_TC_Squelch	COMP	CDMU	CDMUP053	21	SBDL	II	RED
TTC	DB91	P06	32	XPND2	XPND2P06	18	XPND2/CDMU_TC_Clock	COMP	CDMU	CDMUP053	22	SBDL	II	RED
TTC	DB91	P06	33	XPND2	XPND2P06	20	XPND2/CDMU_TC_RF_Lock	COMP	CDMU	CDMUP053	24	SBDL	II	RED
TTC	DB91	P06	34	XPND2	XPND2P06	23	CDMU/XPND2_TM_Clock	COMP	CDMU	CDMUP053	26	SBDL	II	RED
TTC	DB91	P06	35	XPND2	XPND2P06	25	CDMU/XPND2_TM_Data	COMP	CDMU	CDMUP053	27	SBDL	II	RED
TTC	DB91	P06	37	XPND2	XPND2P08	20	XPND2/CDMU_Tx_ON/OFF_Sts	RTN	CDMU	CDMUP093	27	DR_Mnt	II	RED

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB91	P06	38	XPND2	XPND2P08	22	XPND2/CDMU_Rx_RateSelection_125/4K_Sts	RTN	CDMU	CDMUP093	15	DB_Mnt	II	RED

6.16 DB92 – TT&C Dismountability Bracket Connectors

6.16.1 DB92 P01 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P01	1	EPC1	EPC1P01	08	EPC1/CDMU_Therm-5_Mnt	ACT	CDMU	CDMUP085	72	Therm	IV	NOM
TTC	DB92	P01	2	EPC1	EPC1P01	16	EPC1/CDMU_Anode_Voltage_Mnt	ACT	CDMU	CDMUP081	19	An_Mnt	IV	NOM
TTC	DB92	P01	3	EPC1	EPC1P01	34	EPC1/CDMU_Helix_Current_Mnt	ACT	CDMU	CDMUP081	76	An_Mnt	IV	NOM
TTC	DB92	P01	5	RFDN	RFDNP21	FL1	RFDN/CDMU_Therm-6_Isolator1_Mnt	ACT	CDMU	CDMUP085	53	Therm	IV	NOM
TTC	DB92	P01	7	RFDN	RFDNP23	FL1	RFDN/CDMU_Therm-18_Diplexer1_Mnt	ACT	CDMU	CDMUP085	44	Therm	IV	NOM
TTC	DB92	P01	11	THERM	N/A	FL1	THERM-068/CDMU_TCS_Line20_Th1_Mnt	ACT	CDMU	CDMUP103	19	Therm	IV	NOM
TTC	DB92	P01	12	THERM	N/A	FL1	THERM-067/CDMU_TCS_Line19_Th1_Mnt	ACT	CDMU	CDMUP103	38	Therm	IV	NOM
TTC	DB92	P01	14	XPND1	XPND1P08	01	XPND1/CDMU_Tx_Volt2_Mnt	ACT	CDMU	CDMUP081	59	An_Mnt	IV	NOM
TTC	DB92	P01	15	XPND1	XPND1P08	03	XPND1/CDMU_Therm-3_Tx_Mnt	ACT	CDMU	CDMUP085	36	Therm	IV	NOM
TTC	DB92	P01	16	XPND1	XPND1P08	05	XPND1/CDMU_Pout_Mnt	ACT	CDMU	CDMUP081	38	An_Mnt	IV	NOM
TTC	DB92	P01	17	XPND1	XPND1P08	09	XPND1/CDMU_Rx1_AGC_Level_Mnt	ACT	CDMU	CDMUP081	36	An_Mnt	IV	NOM
TTC	DB92	P01	18	XPND1	XPND1P08	10	XPND1/CDMU_Rx1_PLL_SPE_Mnt	ACT	CDMU	CDMUP081	17	An_Mnt	IV	NOM
TTC	DB92	P01	21	EPC1	EPC1P01	27	EPC1/CDMU_Therm-5_Mnt	RTN	CDMU	CDMUP085	71	Therm	IV	NOM
TTC	DB92	P01	22	EPC1	EPC1P01	35	EPC1/CDMU_Anode_Voltage_Mnt	RTN	CDMU	CDMUP081	18	An_Mnt	IV	NOM
TTC	DB92	P01	23	EPC1	EPC1P01	35	EPC1/CDMU_Helix_Current_Mnt	RTN	CDMU	CDMUP081	75	An_Mnt	IV	NOM
TTC	DB92	P01	25	RFDN	RFDNP21	FL2	RFDN/CDMU_Therm-6_Isolator1_Mnt	RTN	CDMU	CDMUP085	52	Therm	IV	NOM
TTC	DB92	P01	27	RFDN	RFDNP23	FL2	RFDN/CDMU_Therm-18_Diplexer1_Mnt	RTN	CDMU	CDMUP085	43	Therm	IV	NOM
TTC	DB92	P01	31	THERM	N/A	FL2	THERM-068/CDMU_TCS_Line20_Th1_Mnt	RTN	CDMU	CDMUP103	18	Therm	IV	NOM
TTC	DB92	P01	32	THERM	N/A	FL2	THERM-067/CDMU_TCS_Line19_Th1_Mnt	RTN	CDMU	CDMUP103	37	Therm	IV	NOM
TTC	DB92	P01	34	XPND1	XPND1P08	14	XPND1/CDMU_Tx_Volt2_Mnt	RTN	CDMU	CDMUP081	58	An_Mnt	IV	NOM
TTC	DB92	P01	35	XPND1	XPND1P08	16	XPND1/CDMU_Therm-3_Tx_Mnt	RTN	CDMU	CDMUP085	35	Therm	IV	NOM
TTC	DB92	P01	36	XPND1	XPND1P08	18	XPND1/CDMU_Pout_Mnt	RTN	CDMU	CDMUP081	37	An_Mnt	IV	NOM
TTC	DB92	P01	37	XPND1	XPND1P08	06	XPND1/CDMU_Rx1_AGC_Level_Mnt	RTN	CDMU	CDMUP081	35	An_Mnt	IV	NOM
TTC	DB92	P01	38	XPND1	XPND1P08	06	XPND1/CDMU_Rx1_PLL_SPE_Mnt	RTN	CDMU	CDMUP081	16	An_Mnt	IV	NOM

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Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P01	40	XPND1	XPND1P08	11	XPND1/CDMU_Therm-4_Rx_Mnt	ACT	CDMU	CDMUP085	16	Therm	IV	NOM
TTC	DB92	P01	41	XPND1	XPND1P08	13	XPND1/CDMU_Rx_Volt1_Mnt	ACT	CDMU	CDMUP081	78	An_Mnt	IV	NOM
TTC	DB92	P01	60	XPND1	XPND1P08	23	XPND1/CDMU_Therm-4_Rx_Mnt	RTN	CDMU	CDMUP085	15	Therm	IV	NOM
TTC	DB92	P01	61	XPND1	XPND1P08	25	XPND1/CDMU_Rx_Volt1_Mnt	RTN	CDMU	CDMUP081	77	An_Mnt	IV	NOM

6.16.2 DB92 P02 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P02	1	EPC2	EPC2P01	08	EPC2/CDMU_Therm-29_Mnt	ACT	CDMU	CDMUP095	72	Therm	IV	RED
TTC	DB92	P02	2	EPC2	EPC2P01	16	EPC2/CDMU_Anode_Voltage_Mnt	ACT	CDMU	CDMUP091	19	An_Mnt	IV	RED
TTC	DB92	P02	3	EPC2	EPC2P01	34	EPC2/CDMU_Helix_Current_Mnt	ACT	CDMU	CDMUP091	76	An_Mnt	IV	RED
TTC	DB92	P02	5	RFDN	RFDNP22	FL1	RFDN/CDMU_Therm-30_Isolator2_Mnt	ACT	CDMU	CDMUP095	53	Therm	IV	RED
TTC	DB92	P02	7	RFDN	RFDNP24	FL1	RFDN/CDMU_Therm-42_Diplexer2_Mnt	ACT	CDMU	CDMUP095	44	Therm	IV	RED
TTC	DB92	P02	11	THERM	N/A	FL1	THERM-115/CDMU_TCS_Line19_Th2_Mnt	ACT	CDMU	CDMUP113	38	Therm	IV	RED
TTC	DB92	P02	12	THERM	N/A	FL1	THERM-116/CDMU_TCS_Line20_Th2_Mnt	ACT	CDMU	CDMUP113	19	Therm	IV	RED
TTC	DB92	P02	14	XPND2	XPND2P08	01	XPND2/CDMU_Tx_Volt2_Mnt	ACT	CDMU	CDMUP091	59	An_Mnt	IV	RED
TTC	DB92	P02	15	XPND2	XPND2P08	03	XPND2/CDMU_Therm-27_Tx_Mnt	ACT	CDMU	CDMUP095	36	Therm	IV	RED
TTC	DB92	P02	16	XPND2	XPND2P08	05	XPND2/CDMU_Pout_Mnt	ACT	CDMU	CDMUP091	38	An_Mnt	IV	RED
TTC	DB92	P02	17	XPND2	XPND2P08	09	XPND2/CDMU_Rx2_AGC_Level_Mnt	ACT	CDMU	CDMUP091	36	An_Mnt	IV	RED
TTC	DB92	P02	18	XPND2	XPND2P08	10	XPND2/CDMU_Rx2_PLL_SPE_Mnt	ACT	CDMU	CDMUP091	17	An_Mnt	IV	RED
TTC	DB92	P02	21	EPC2	EPC2P01	27	EPC2/CDMU_Therm-29_Mnt	RTN	CDMU	CDMUP095	71	Therm	IV	RED
TTC	DB92	P02	22	EPC2	EPC2P01	35	EPC2/CDMU_Anode_Voltage_Mnt	RTN	CDMU	CDMUP091	18	An_Mnt	IV	RED
TTC	DB92	P02	23	EPC2	EPC2P01	35	EPC2/CDMU_Helix_Current_Mnt	RTN	CDMU	CDMUP091	75	An_Mnt	IV	RED
TTC	DB92	P02	25	RFDN	RFDNP22	FL2	RFDN/CDMU_Therm-30_Isolator2_Mnt	RTN	CDMU	CDMUP095	52	Therm	IV	RED
TTC	DB92	P02	27	RFDN	RFDNP24	FL2	RFDN/CDMU_Therm-42_Diplexer2_Mnt	RTN	CDMU	CDMUP095	43	Therm	IV	RED
TTC	DB92	P02	31	THERM	N/A	FL2	THERM-115/CDMU_TCS_Line19_Th2_Mnt	RTN	CDMU	CDMUP113	37	Therm	IV	RED
TTC	DB92	P02	32	THERM	N/A	FL2	THERM-116/CDMU_TCS_Line20_Th2_Mnt	RTN	CDMU	CDMUP113	18	Therm	IV	RED
TTC	DB92	P02	34	XPND2	XPND2P08	14	XPND2/CDMU_Tx_Volt2_Mnt	RTN	CDMU	CDMUP091	58	An_Mnt	IV	RED
TTC	DB92	P02	35	XPND2	XPND2P08	16	XPND2/CDMU_Therm-27_Tx_Mnt	RTN	CDMU	CDMUP095	35	Therm	IV	RED

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TTC	DB92	P02	36	XPND2	XPND2P08	18	XPND2/CDMU_Pout_Mnt	RTN	CDMU	CDMUP091	37	An_Mnt	IV	RED
TTC	DB92	P02	37	XPND2	XPND2P08	06	XPND2/CDMU_Rx2_AGC_Level_Mnt	RTN	CDMU	CDMUP091	35	An_Mnt	IV	RED
TTC	DB92	P02	38	XPND2	XPND2P08	06	XPND2/CDMU_Rx2_PLL_SPE_Mnt	RTN	CDMU	CDMUP091	16	An_Mnt	IV	RED
TTC	DB92	P02	40	XPND2	XPND2P08	13	XPND2/CDMU_Rx_Volt1_Mnt	ACT	CDMU	CDMUP091	78	An_Mnt	IV	RED
TTC	DB92	P02	41	XPND2	XPND2P08	11	XPND2/CDMU_Therm-28_Rx_Mnt	ACT	CDMU	CDMUP095	16	Therm	IV	RED
TTC	DB92	P02	60	XPND2	XPND2P08	25	XPND2/CDMU_Rx_Volt1_Mnt	RTN	CDMU	CDMUP091	77	An_Mnt	IV	RED
TTC	DB92	P02	61	XPND2	XPND2P08	23	XPND2/CDMU_Therm-28_Rx_Mnt	RTN	CDMU	CDMUP095	15	Therm	IV	RED

6.16.3 DB92 P03 – TT&C Dismountability Bracket Connector

Location	Bracket	BracketCon	BracketPin	Device_Name	Conn_Name	Pin	Functional_name	Extension	Device_Name_1	Conn_Name_1	Pin_1	Signal_Type	EMC	N/R
TTC	DB92	P03	3	THERM	N/A	FL1	THERM-163/CDMU_TCS_Line19_Th3_Mnt	ACT	CDMU	CDMUP123	38	Therm	IV	RED2
TTC	DB92	P03	4	THERM	N/A	FL1	THERM-164/CDMU_TCS_Line20_Th3_Mnt	ACT	CDMU	CDMUP123	19	Therm	IV	RED2
TTC	DB92	P03	23	THERM	N/A	FL2	THERM-163/CDMU_TCS_Line19_Th3_Mnt	RTN	CDMU	CDMUP123	37	Therm	IV	RED2
TTC	DB92	P03	24	THERM	N/A	FL2	THERM-164/CDMU_TCS_Line20_Th3_Mnt	RTN	CDMU	CDMUP123	18	Therm	IV	RED2

WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

DATE : 15/05/2006

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Herschel/Planck SVM Harness

Connector Brackets Traceability List

Part No. & Serial No. to Position/Location

Certificate of Conformity Reference

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Document Approval Sheet

Project:	Herschel/Planck SVM Harness
Document:	Connector Brackets Traceability List
Subtitle:	Part No. & Serial No. to Position/Location
DRD No.:	
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Prepared: J. Vergin Date: 13.10.05
 (J. Vergin)

Approved: J. Vergin Date: 13.10.05
 (Techn. Resp.) (J. Vergin)

Approved: B. Kusch Date: 13.10.05
 (Product Ass.) (B. Kusch)

Released: G. Fricke Date: 17.10.05
 (Project Man.) (G. Fricke)

Released: G. Fricke Date: 17.10.05
 (Conf. Man.) (G. Fricke)

Approved: _____ Date: _____
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Document Change Record

Issue	Date	DCN No. / Change Description	Pages Affected
1/-	June 2004	Initial Issue	All
2/-	30 June '04	SVM-DCN-KTH-39000-001	Tables 1 & 2
3/-	16 Feb 05	Tables 1 & 2 combined, number of brackets adapted to model philosophy, introduction of new bracket types, incorporation of mass, COCs, and delivery batch 1 for STM/PFM	All
4/-	01 Mar 05	Incorporation of mass, COCs, and delivery batch 2 for STM/PFM	All
5/-	30 Mar 05	Incorporation of mass, COCs, and delivery batch 3 for STM/PFM	All
6/-	10.June 05	New version for two Brackets	All
7/-	13.Oct. 05	New Version for one Bracket	All

Document Distribution Sheet

Issue:		1	2	3	4	5	6	7
Issue Date:		June 04	June 04	Feb 05	Mar 05	Mar 05	June 05	Oct. 05
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1 Introduction

The table in this document traces the position/location of all the Connector Brackets manufactured for the Herschel-Planck SVM Harness Project along with the relevant Certificate of Conformity .

The table identifies the material used and if NDI has been performed.

All Connector Brackets are uniquely identified with part number and serial number.

The mass of the Connector Brackets for Herschel/Planck models STM and PFM and their delivery batch are incorporated.

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Table 1-1 Part No. and Serial No. to Position / Location

Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
HP-01-01-02-KT	001	DIN 3.2315	N	N	AVM	H	DBH2	Lower Clos. Panel	1050			WU Harness
	002	DIN 3.2.315	N	N	AVM	H	DBH3	Lower Clos. Panel	1050			WU Harness
HP-01-01-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBH2	Lower Clos. Panel	1050	53,6	0056993	WU Harness, Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBH3	Lower Clos. Panel	1050	53,6	0056993	WU Harness, Delivery Batch 3
HP-02-01-02-KT	001	DIN 3.2315	N	N	AVM	P	DBH2	Lower Clos. Panel	2050			WU Harness
HP-02-01-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DBH2	Lower Clos. Panel	2050	103,3	0056991	WU Harness, Delivery Batch 3
HP-03-01-02-KT	001	DIN 3.2315	N	N	AVM	H	DBRWL1	RWL Panel	1031		0055871	
	002	DIN 3.2315	N	N	AVM	H	DBRWL2	RWL Panel	1031		0055871	
	003	DIN 3.2315	N	N	AVM	H	DBRWL3	RWL Panel	1031		0055871	
	004	DIN 3.2315	N	N	AVM	H	DBRWL4	RWL Panel	1031		0055871	
HP-03-01-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DBRWL1	RWL Panel	1031	118,0	0056831	Delivery Batch 1
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DBRWL2	RWL Panel	1031	118,2	0056831	Delivery Batch 1
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DBRWL3	RWL Panel	1031	118,5	0056831	Delivery Batch 1



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
	004	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DBRWL4	RWL Panel	1031	118,1	0056831	Delivery Batch 1
	005	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBRWL1	RWL Panel	1031	117,8	0056831	Delivery Batch 1
	006	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBRWL2	RWL Panel	1031	118,1	0056831	Delivery Batch 1
	007	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBRWL3	RWL Panel	1031	116,6	0056831	Delivery Batch 1
	008	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBRWL4	RWL Panel	1031	118,2	0056831	Delivery Batch 1
HP-03-02-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB99 TT&C	Lower Clos. Panel	2050			Not required !
HP-03-03-01-KT	001	DIN 3.2315	N	N	AVM	P	DB41-HFI 0,1K	Lower Clos. Panel	2050		0055817	
	002	DIN 3.2315	N	N	AVM	P	DB03-HFI	Lower Clos. Panel	2050		0055817	
	003	DIN 3.2315	N	N	AVM	H	DB32-PACS	Lower Clos. Panel	1050			
	004	DIN 3.2315	N	N	AVM	H	DB06-HIFI1	Lower Clos. Panel	1050			
HP-03-03-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB32-PACS	Lower Clos. Panel	1050	113,6	0056842	Delivery Batch 1
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB06-HIFI1	Lower Clos. Panel	1050	113,4	0056842	Delivery Batch 1
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB32-PACS	Lower Clos. Panel	1050	113,5	0056842	Delivery Batch 1
	004	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB06-HIFI1	Lower Clos. Panel	1050	113,3	0056842	Delivery Batch 1



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
	005	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB41-HFI 0,1K	Lower Clos. Panel	2050	113,5	0056871	Delivery Batch 1
	006	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB03-HFI	Lower Clos. Panel	2050	113,9	0056871	Delivery Batch 1
HP-03-05-01-KT	001	DIN 3.2315	N	N	AVM	P	DB32-HFI	Lower Clos. Panel	2050		0055816	
	002	DIN 3.2315	N	N	AVM	P	DB51-HFI4K	Lower Clos. Panel	2050		0055816	
	003	DIN 3.2315	N	N	AVM	H	DB03-PACS	Lower Clos. Panel	1050		0055816	
	004	DIN 3.2315	N	N	AVM	H	DB41-SPIRE	Lower Clos. Panel	1050		0055816	
	005	DIN 3.2315	N	N	AVM	H	DB61-HIFI1	Lower Clos. Panel	1050		0055816	
HP-03-05-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB03-PACS	Lower Clos. Panel	1050	117,6	0056843	Delivery Batch 1
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB41-SPIRE	Lower Clos. Panel	1050	117,3	0056843	Delivery Batch 1
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB61-HIFI1	Lower Clos. Panel	1050	117,5	0056843	Delivery Batch 1
	004	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB03-PACS	Lower Clos. Panel	1050	117,1	0056843	Delivery Batch 1
	005	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB41-SPIRE	Lower Clos. Panel	1050	117,1	0056843	Delivery Batch 1
	006	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB61-HIFI1	Lower Clos. Panel	1050	118,2	0056843	Delivery Batch 1
	007	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB32-HFI	Lower Clos. Panel	2050	117,1	0056833	Delivery Batch 1



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
	008	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB51-HFI4K	Lower Clos. Panel	2050	117,5	0056833	Delivery Batch 1
HP-03-06-01-KT	001	DIN 3.2315	N	N	AVM	H	DB31-PACS	Lower Clos. Panel	1050		0055872	
	002	DIN 3.2315	N	N	AVM	H	DB42-SPIRE	Lower Clos. Panel	1050		0055872	
HP-03-06-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB31-PACS	Lower Clos. Panel	1050	116,3	0056832	Delivery Batch 1
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB42-SPIRE	Lower Clos. Panel	1050	116,3	0056832	Delivery Batch 1
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB31-PACS	Lower Clos. Panel	1050	116,0	0056832	Delivery Batch 1
	004	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB42-SPIRE	Lower Clos. Panel	1050	116,7	0056832	Delivery Batch 1
HP-03-07-01-KT	001	DIN 3.2315	N	N	AVM	P	DB92-TT&C	Lower Clos. Panel	2050			
	002	DIN 3.2315	N	N	AVM	H	DB92-TT&C	Lower Clos. Panel	1050			
HP-03-07-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB92-TT&C	Lower Clos. Panel	1050	132,6	0056870	Delivery Batch 1
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB92-TT&C	Lower Clos. Panel	1050	132,7	0056870	Delivery Batch 1
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB92-TT&C	Lower Clos. Panel	2050	133,5	0056841	Delivery Batch 1
HP-03-08-01-KT	001	DIN 3.2315	N	N	AVM	P	DB05-HFI 4K	Lower Clos. Panel	2050		0055823	
HP-03-08-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB05-HFI 4K	Lower Clos. Panel	2050	136,2	0056840	Delivery Batch 1



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
HP-04-01-03-KT	001	DIN 3.2315	N	N	AVM	P	DBH11	Lower Clos. Panel	2050			WU Harness
	002	DIN 3.2315	N	N	AVM	P	DBH12	Lower Clos. Panel	2050			WU Harness
HP-04-01-05-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DBH11	Lower Clos. Panel	2050	144,7	0057019	WU Harness, Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DBH12	Lower Clos. Panel	2050	144,5	0057019	WU Harness, Delivery Batch 3
HP-05-01-03-KT	001	DIN 3.2315	N	N	AVM	P	DB11-PWR	Lower Clos. Panel	2050		0055818	
	002	DIN 3.2315	N	N	AVM	P	DB09-TT&C	Lower Clos. Panel	2050		0055818	
	003	DIN 3.2315	N	N	AVM	H	DB09-TT&C	Lower Clos. Panel	1050		0055818	
HP-05-01-05-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB09-TT&C	Lower Clos. Panel	1050	154,4	0056872	Delivery Batch 1
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB09-TT&C	Lower Clos. Panel	1050	153,3	0056872	Delivery Batch 1
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB11-PWR	Lower Clos. Panel	2050	153,4	0056873	Delivery Batch 1
	004	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB09-TT&C	Lower Clos. Panel	2050	153,8	0056873	Delivery Batch 1
HP-05-02-01-KT	001	DIN 3.2315	N	N	AVM	P	DB31-HFI	Lower Clos. Panel	2050		0055830	
HP-05-02-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB31-HFI	Lower Clos. Panel	2050	159,1	0056869	Delivery Batch 1
HP-05-03-01-KT	001	DIN 3.2315	N	N	AVM	P	DB04-HFI 0.1K	Lower Clos. Panel	2050		0055831	



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
HP-05-03-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB04-HFI 0.1K	Lower Clos. Panel	2050	163,5	0056868	Delivery Batch 1
HP-06-01-02-KT	001	DIN 3.2315	N	N	AVM	H	DB71-ACMS	Lower Clos. Panel	1050			
HP-06-01-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB71-ACMS	Lower Clos. Panel	1050	226	0056987	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB71-ACMS	Lower Clos. Panel	1050	226	0056987	Delivery Batch 3
HP-07-01-03-KT	001	DIN 3.2315	N	N	AVM	H	DB07-ACMS	Lower Clos. Panel	1050			
HP-07-01-05-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB07-ACMS	Lower Clos. Panel	1050	180,1	0056989	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB07-ACMS	Lower Clos. Panel	1050	179,2	0056989	Delivery Batch 3
HP-07-02-01-KT	001	DIN 3.2315	N	N	AVM	H	DB04-SPIRE	Lower Clos. Panel	1050			
HP-07-02-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB04-SPIRE	Lower Clos. Panel	1050	184	0056988	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB04-SPIRE	Lower Clos. Panel	1050	184	0056988	Delivery Batch 3
HP-07-03-01-KT	001	DIN 3.2315	N	N	AVM	P	DB91-TT&C	Lower Clos. Panel	2050		0055815	
	002	DIN 3.2315	N	N	AVM	H	DB91-TT&C	Lower Clos. Panel	1050		0055815	
HP-07-03-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB91-TT&C	Lower Clos. Panel	1050	180	0056984	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB91-TT&C	Lower Clos. Panel	1050	180	0056984	Delivery Batch 3



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB91-TT&C	Lower Clos. Panel	2050	180	0056985	Delivery Batch 3
HP-07-04-01-KT	001	DIN 3.2315	N	N	AVM	H	DB05-HIFI2	Lower Clos. Panel	1050		0055824	
HP-07-04-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB05-HIFI2	Lower Clos. Panel	1050	188	0056986	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB05-HIFI2	Lower Clos. Panel	1050	188	0056986	Delivery Batch 3
HP-08-01-04-KT	001	DIN 3.2315	N	N	AVM	P	DBH4	Shear Panel	2011			WU Harness
HP-08-01-06-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DBH4	Shear Panel	2011	220,7	0056994	WU Harness, Delivery Batch 3, add. Delivery H-P-4-CR-NXH-0018
HP-08-02-01-KT	001	DIN 3.2315	N	N	AVM	P	DBH3	Lower Clos. Panel	2050			WU Harness
HP-08-02-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DBH3	Lower Clos. Panel	2050	210,7	0057020	WU Harness, Delivery Batch 3
HP-09-01-02-KT	001	DIN 3.2315	N	N	AVM	P	DB21A-PWR	Lower Clos. Panel	2050		0055805	
	002	DIN 3.2315	N	N	AVM	P	DB21B-PWR	Lower Clos. Panel	2050		0055805	
	003	DIN 3.2315	N	N	AVM	H	DB21A-PWR	Lower Clos. Panel	1050		0055805	
	004	DIN 3.2315	N	N	AVM	H	DB21B-PWR	Lower Clos. Panel	1050		0055805	

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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
HP-09-01-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB21A-PWR	Lower Clos. Panel	1050	226,0	0056917	Delivery Batch 2
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB21B-PWR	Lower Clos. Panel	1050	225,7	0056917	Delivery Batch 2
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB21A-PWR	Lower Clos. Panel	1050	225,5	0056917	Delivery Batch 2
	004	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB21B-PWR	Lower Clos. Panel	1050	224,7	0056917	Delivery Batch 2
	005	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB21A-PWR	Lower Clos. Panel	2050	225,6	0056918	Delivery Batch 2
	006	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB21B-PWR	Lower Clos. Panel	2050	224,5	0056918	Delivery Batch 2
HP-09-02-01-KT	001	DIN 3.2315	N	N	AVM	P	CB01 LFI/SCS	Shear Panel	2015		0055832	
HP-09-02-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	CB01 LFI/SCS	Shear Panel	2015	234,5	0056919	Delivery Batch 2, add. Delivery H-P-4-CR-NXH-0018
HP-10-01-02-KT	001	DIN 3.2315	N	N	AVM	P	DB01-PWR	Lower Clos. Panel	2050		0055800	
	002	DIN 3.2315	N	N	AVM	H	DB01-PWR	Lower Clos. Panel	1050		0055800	
HP-10-01-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB01-PWR	Lower Clos. Panel	1050	304	0056951	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB01-PWR	Lower Clos. Panel	1050	304	0056951	Delivery Batch 3



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB01-PWR	Lower Clos. Panel	2050	304	0056950	Delivery Batch 3
HP-10-02-01-KT	001	DIN 3.2315	N	N	AVM	P	DB02-PWR	Lower Clos. Panel	2050		0055801	
	002	DIN 3.2315	N	N	AVM	H	DB02-PWR	Lower Clos. Panel	1050		0055801	
HP-10-02-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	DB02-PWR	Lower Clos. Panel	1050	308	0056954	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DB02-PWR	Lower Clos. Panel	1050	308	0056954	Delivery Batch 3
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	DB02-PWR	Lower Clos. Panel	2050	308	0056953	Delivery Batch 3
HP-11-01-03-KT	001	DIN 3.2315	N	N	AVM	H	DBH1	Lower Clos. Panel	1050			WU Harness
	002	DIN 3.2315	N	N	AVM	H	DBH4	Lower Clos. Panel	1050			WU Harness
HP-11-01-05-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBH1	Lower Clos. Panel	1050	231,0	0056992	WU Harness, Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	DBH4	Lower Clos. Panel	1050	229,6	0056992	WU Harness, Delivery Batch 3
HP-12-01-02-KT	001	DIN 3.2315	N	N	AVM	P	CBSA11	Lower Clos. Panel	2050		0055840	
	002	DIN 3.2315	N	N	AVM	P	CBSA12	Lower Clos. Panel	2050		0055840	
	003	DIN 3.2315	N	N	AVM	P	CBSA13	Lower Clos. Panel	2050		0055840	



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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
	004	DIN 3.2315	N	N	AVM	P	CBSA14	Lower Clos. Panel	2050		0055840	
HP-12-01-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	CBSA11	Lower Clos. Panel	2050	212	0056983	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	CBSA12	Lower Clos. Panel	2050	212	0056983	Delivery Batch 3
	003	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	CBSA13	Lower Clos. Panel	2050	212	0056983	Delivery Batch 3
	004	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	P	CBSA14	Lower Clos. Panel	2050	212	0056983	Delivery Batch 3
HP-13-01-01-KT	001	DIN 3.2315	N	N	AVM	P	SK01B	Power Panel	20??			
	002	DIN 3.2315	N	N	AVM	H	SK01B	Power Panel	10??			
HP-13-02-01-KT	001	DIN 3.2315	N	N	AVM	P	SK03	TTC Panel	20??			
	002	DIN 3.2315	N	N	AVM	H	SK03	TTC Panel	10??			
HP-13-03-01-KT	001	DIN 3.2315	N	N	AVM	P	SK06	HFI (DPU) Panel	20??		0055841	
HP-14-01-03-KT	001	DIN 3.2315	N	N	AVM	H	SK04	Lower Clos. Panel	1050		0055850	
HP-14-01-05-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	SK04	Lower Clos. Panel	1050	610	0056952	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	SK04	Lower Clos. Panel	1050	610	0056952	Delivery Batch 3
HP-15-01-03-KT	001	DIN 3.2315	N	N	AVM	H	SK06	Shear Panel	1011			

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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
HP-15-01-06-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	SK06	Shear Panel	1011	393,9	0056916	Delivery Batch 2
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	SK06	Shear Panel	1011	395,2	0056916	Delivery Batch 2
HP-16-01-03-KT	001	DIN 3.2315	N	N	AVM	P	SK05	Shear Panel	2013		0055868	
	002	DIN 3.2315	N	N	AVM	H	SK05	Shear Panel	1011		0055868	
HP-16-01-07-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	SK05	Shear Panel	1011	860	0056982	Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	H	SK05	Shear Panel	1011	860	0056982	Delivery Batch 3
HP-16-02-04-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	STM	P	SK05	Shear Panel	2013	868	0056981	Delivery Batch 3
HP-17-01-01-KT	001	DIN 3.2315	N	N	AVM	H	CBH1	HIF11	1023			WU Harness
	002	DIN 3.2315	N	N	AVM	H	CBH2	HIF11	1024			WU Harness
HP-17-01-03-KT	001	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	CBH1	HIF11	1023	37,1	0056990	WU Harness, Delivery Batch 3
	002	7050 T7451	LN9368 1101	ASTM E1417-99A	PFM	H	CBH2	HIF11	1024	37,6	0056990	WU Harness, Delivery Batch 3
HP-18-01-01-KT	001	DIN 3.2315	N	N	AVM	P	CBH4K	4K Panel	2023		0055867	WU Harness

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Part Number	Serial No.	Material	Surface Treatment	NDI	Model	H / P	IDENT	Position / Location	Location	Mass (in g)	COC No.	Remarks
HP-18-01-04-KT	001	3.4364 T7351 (equiv. to: 7050 T7451)	LN9368 1101	ASTM E1417-99A	PFM	P	CBH4K	4K Panel	2023	89,0	HP-4-KTH-COC-390000-2100-008-A, para. 1	WU Harness, Add. Delivery acc. to H-P-NXH-NCR-1028

WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

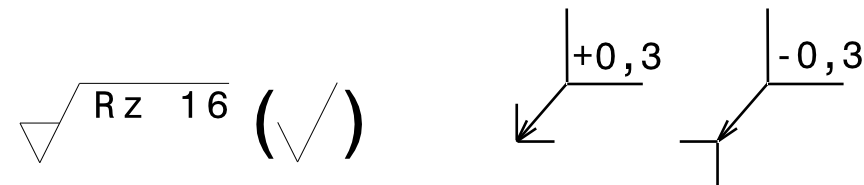
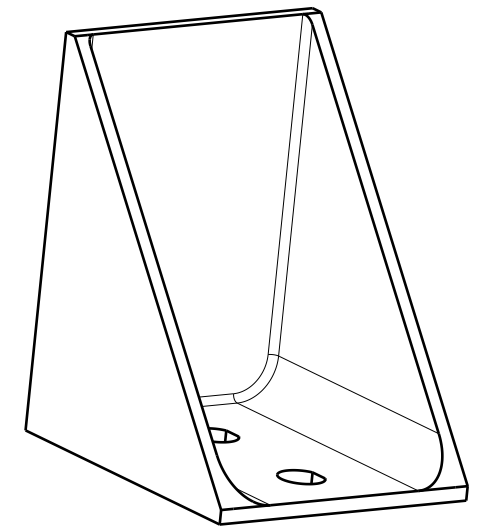
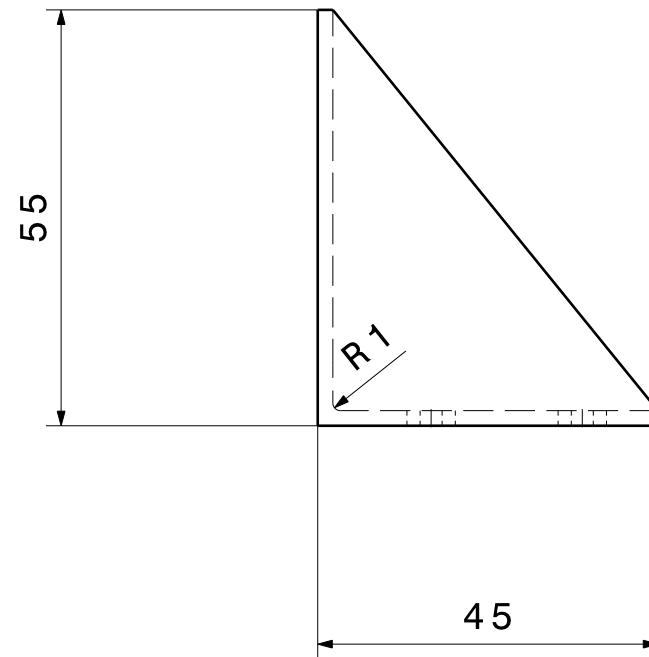
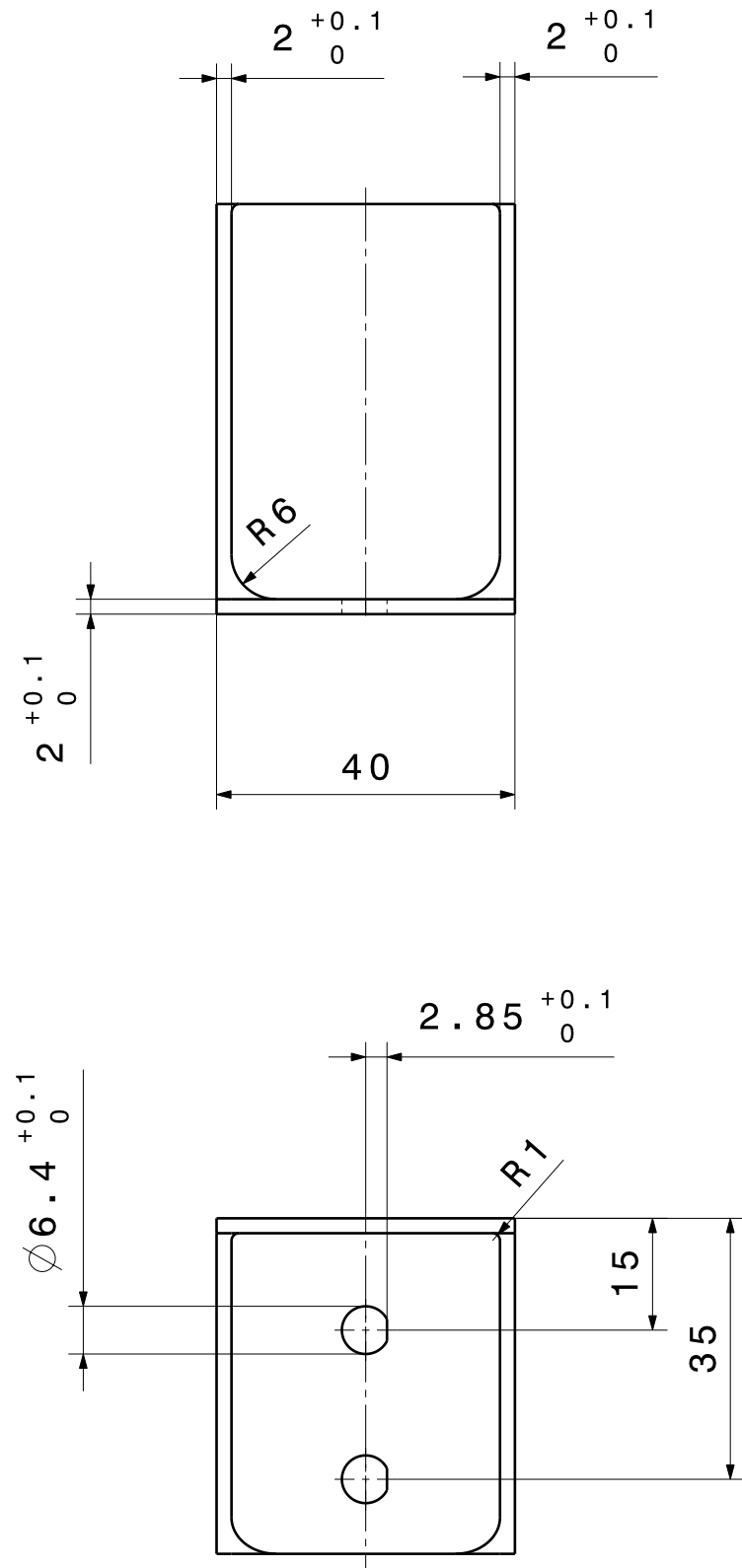
DATE : 15/05/2006

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Annex #6: Connectors Brackets Definition: AD8-3

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Approved	Struct/Therm	Proj/Syst	PA	Config
Data	Name			

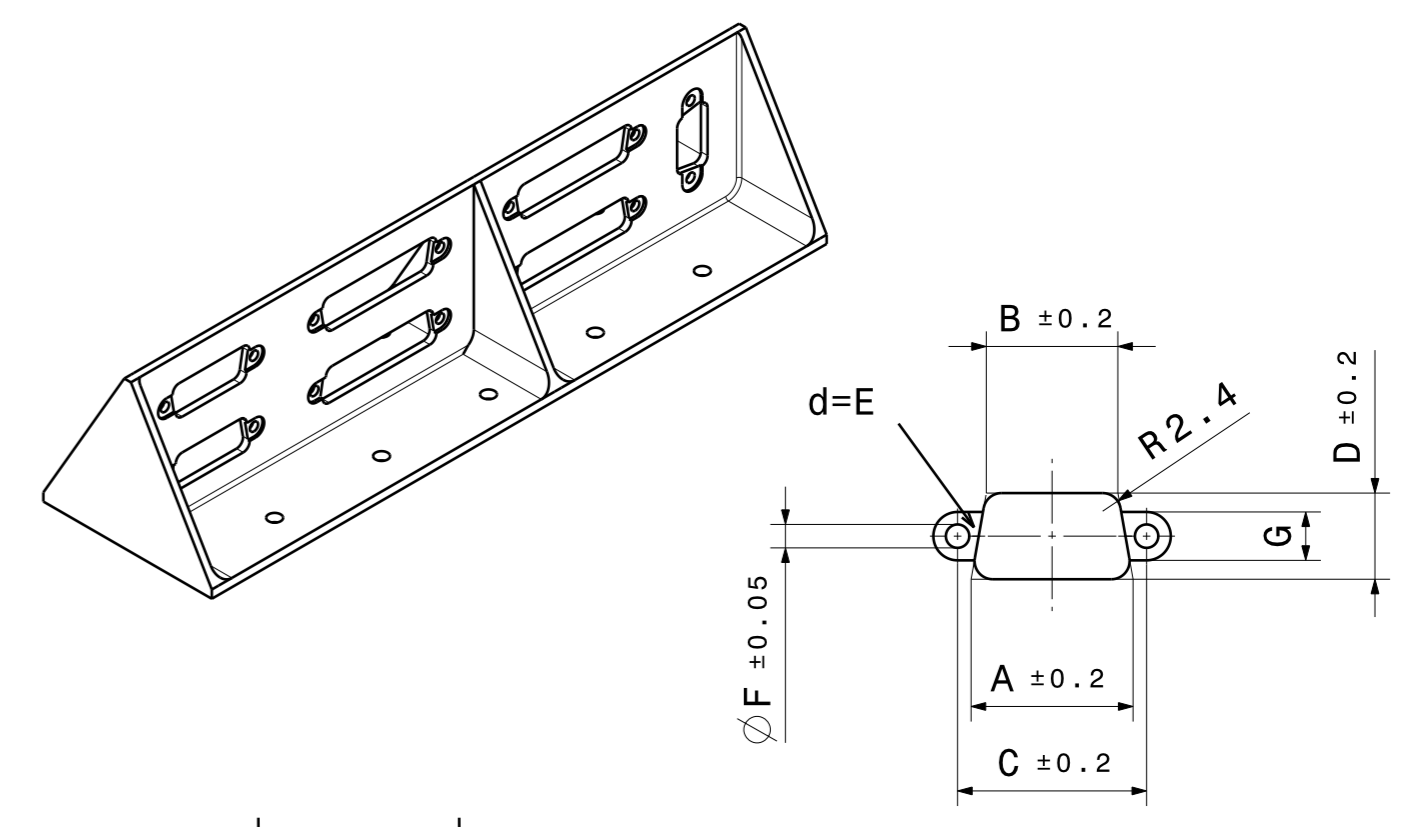
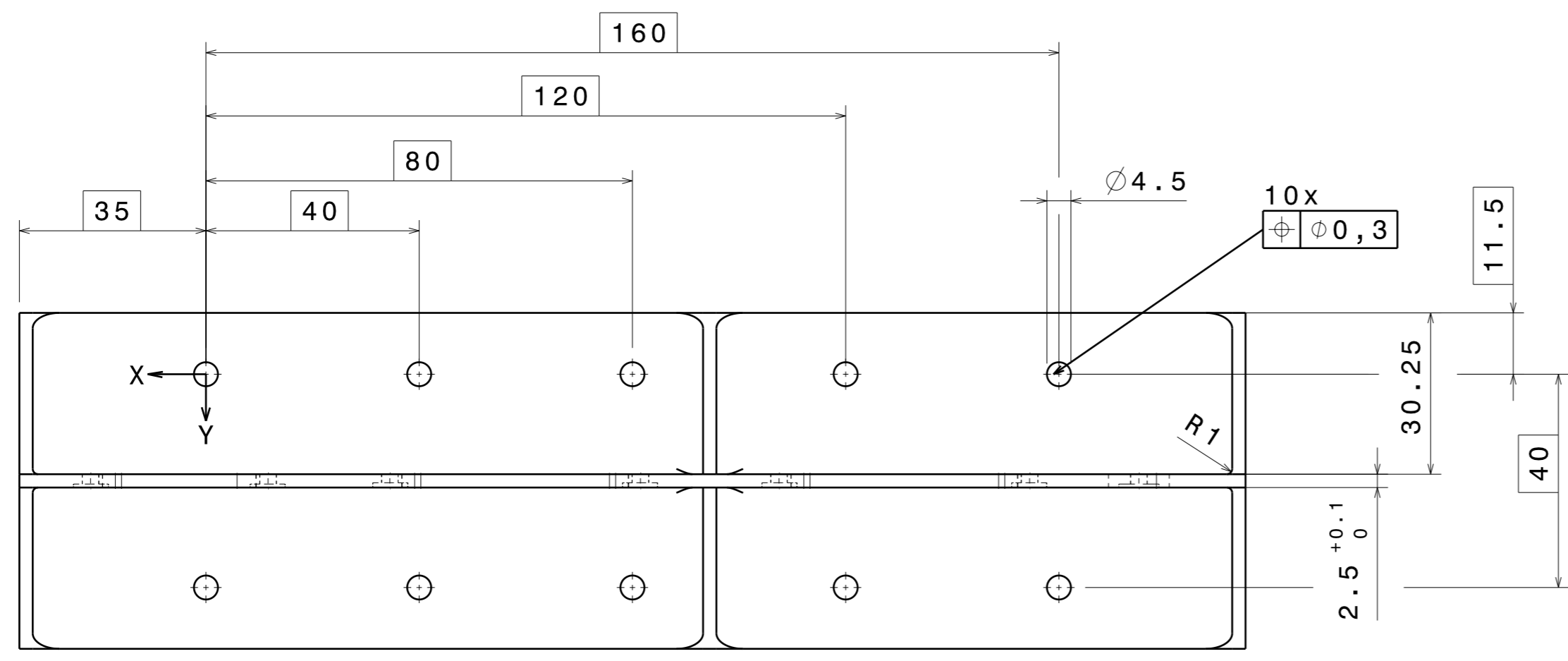
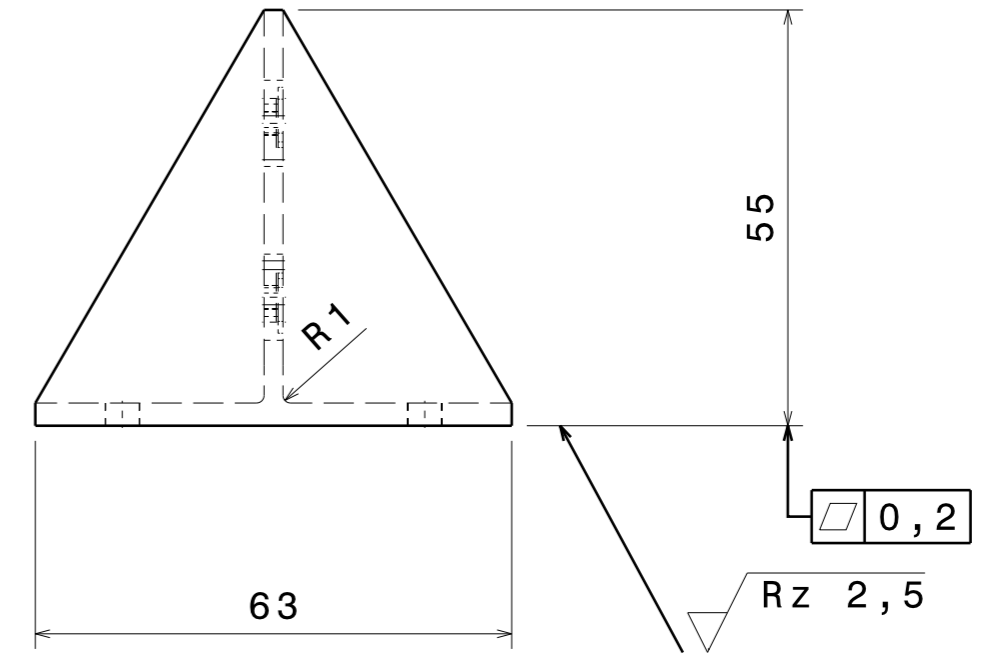
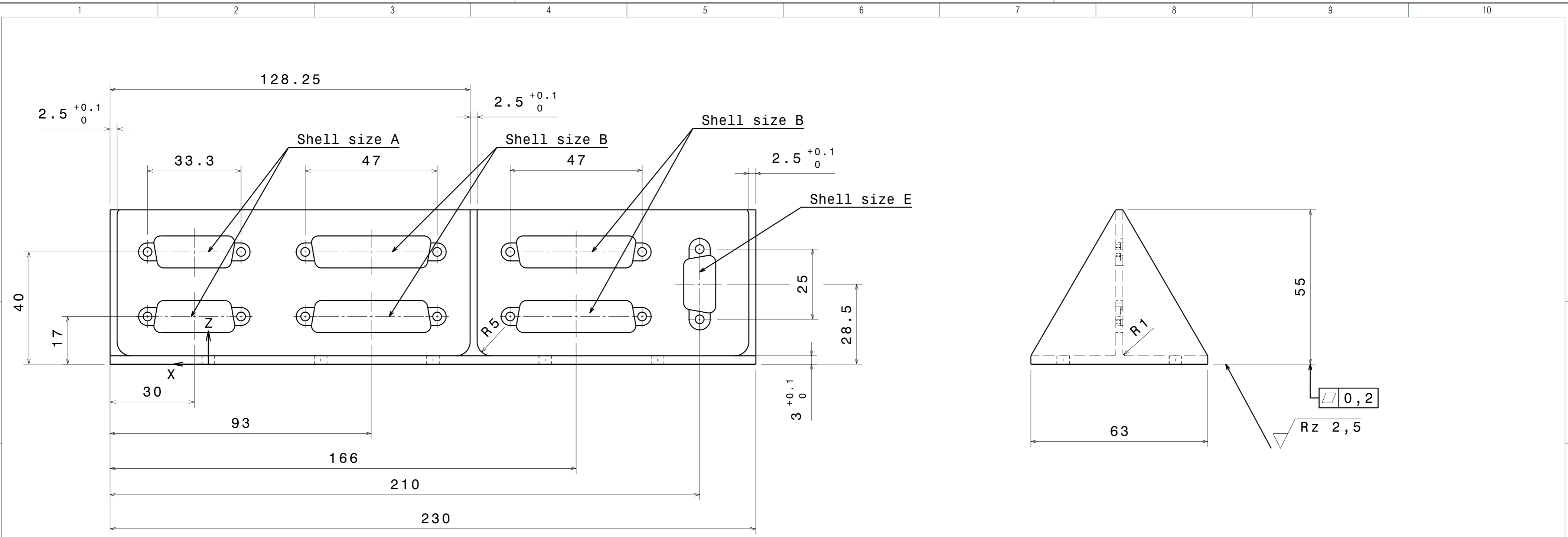


liquid penetrant inspection according to ASTM E1417-95a

Surface	Scale	General tolerances	Mass	DIN	CAD Drawing
-	-	DIN ISO 2768-fK	35 g	A3	No manual Changes
LN9368-4301.3	1:1	Material			
-	-	3.4364 T7351			
Prepared	Date	Name	SVM Harness		
Checked	24.05.04	Re/SA	-		
File	Bracket HP-17-01-01-KT.CATPart Bracket HP-17-01-01-KT.CATDrawing		Bracket		
1	First Issue	24.05.04	Re/SA		Sheet 1
Issue	Change(DCN/ECP)	Date	Name		of 1
					HP-17-01-01-KT

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Approved	Struct/Therm	Pro/Syst	PA
Data			
Name			



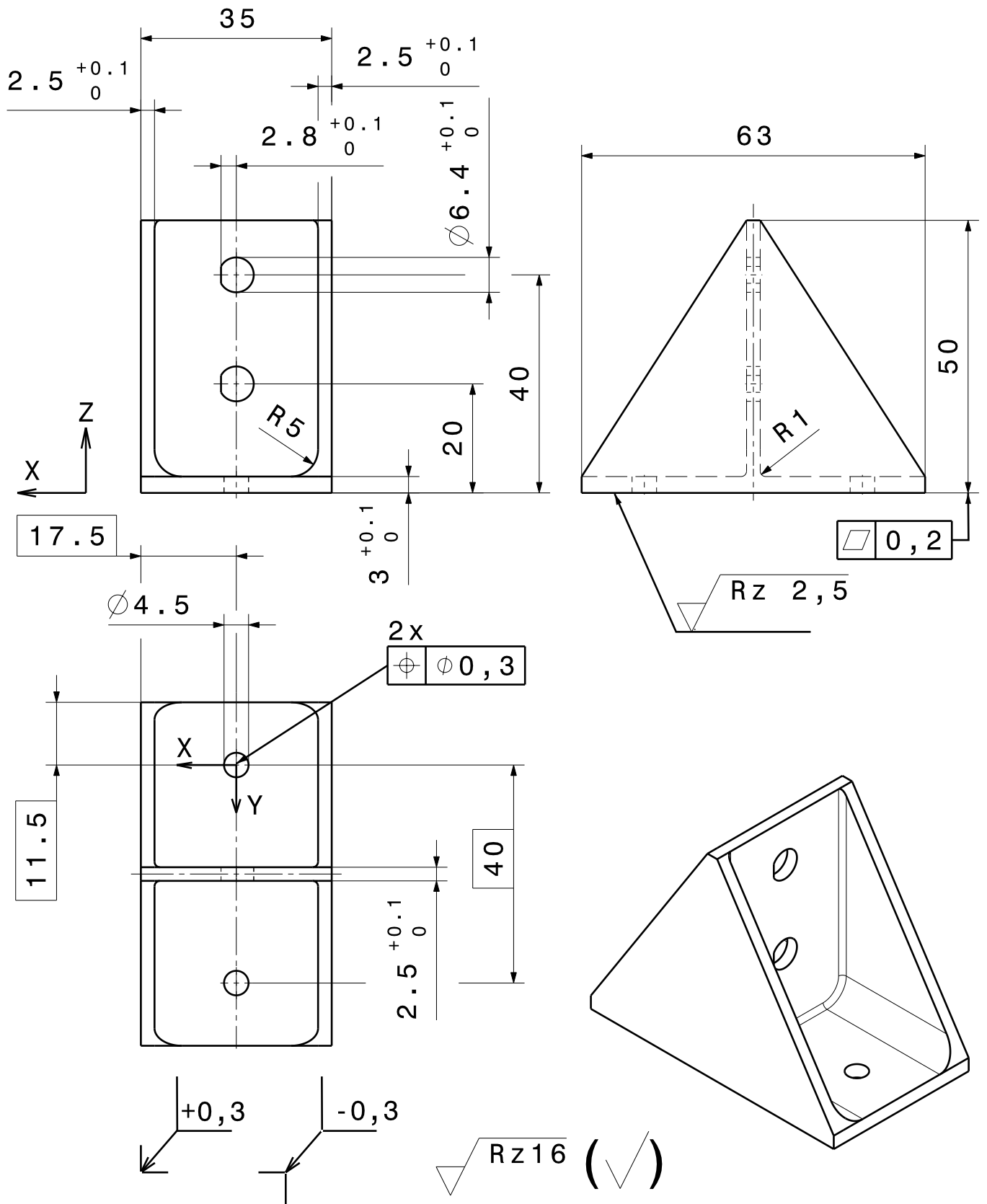
	Shell size E	Shell size A	Shell size B	Shell size C	Shell size D
A	21,42	29,72	43,42	60,02	57,22
B	17,4	25,7	39,4	56	52,25
C	25	33,3	47	63,5	61,1
D	11,4	11,4	11,4	11,4	14,1
E	0,65	0,65	0,9	0,9	0,9
F	3,1	3,1	3,1	3,1	3,1
G	6,4	6,4	6,4	6,4	6,4

liquid penetrant inspection according to ASTM E1417-95a

Surface	Scale	General tolerances	Mass	DIN	CAD Drawing
LN9368 - 4301.3	1 : 1	DIN ISO 2768-fk	213 g	A4	No manual Changes
Prepared	Date	Name	SVM Harness		
Checked	12.01.04	Re/SA	-		
File		Bracket HP-11-01-03-KT.CATPart			
Bracket HP-11-01-03-KT.CATDrawing		Bracket			
-					Sheet 1
HP-11-01-03-KT					of 1



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liquid penetrant inspection according to ASTM E1417-95a

Approved	Struct/Therm	Proj/Syst	PA	Config
Data	Name			

1	First Issue	19.05.04	Re/SA
0	DRAFT	12.01.04	Re.
Issue	Change(DCN/ECP)	Date	Name

Surface	Scale
-	-
LN9368 - 4301.3	1 : 1
Prepared	Date
Checked	Name
File Bracket HP-01-01-02-KT.CATPart	Re/SA
Bracket HP-01-01-02-KT.CATDrawing	

General tolerances	Mass	DIN	CAD Drawing
DIN ISO 2768-fk	50 g	A4	No manual Changes
Material			
3.4364 T7351			
SVM Harness			
Bracket			
			Sheet 1
HP-01-01-02-KT			of 1



WIH integration Specification

REFERENCE : H-P-2-ASP-SP-1036

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