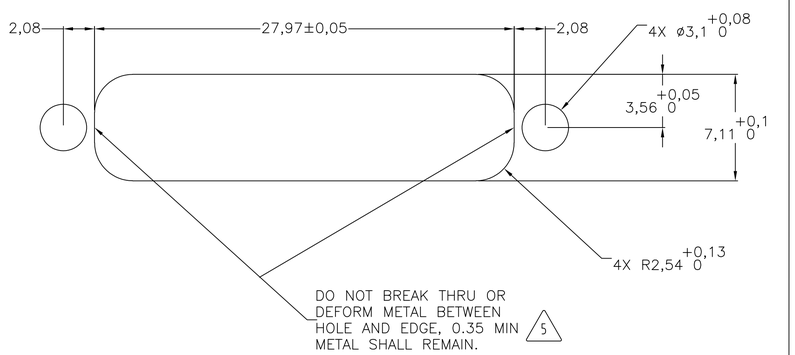
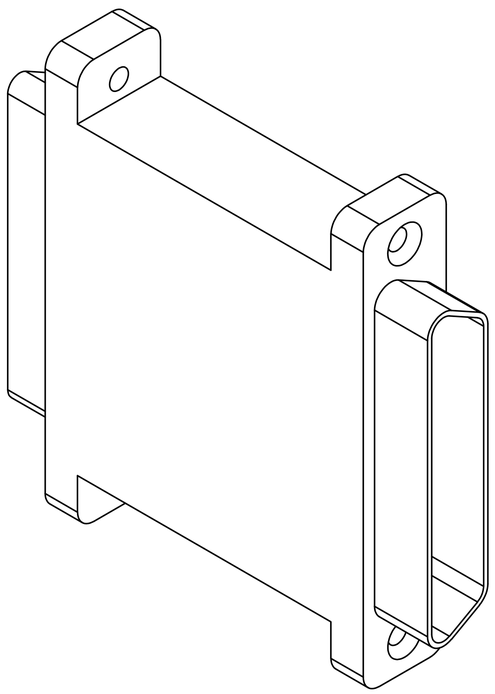
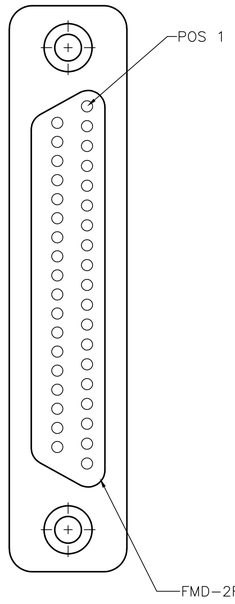
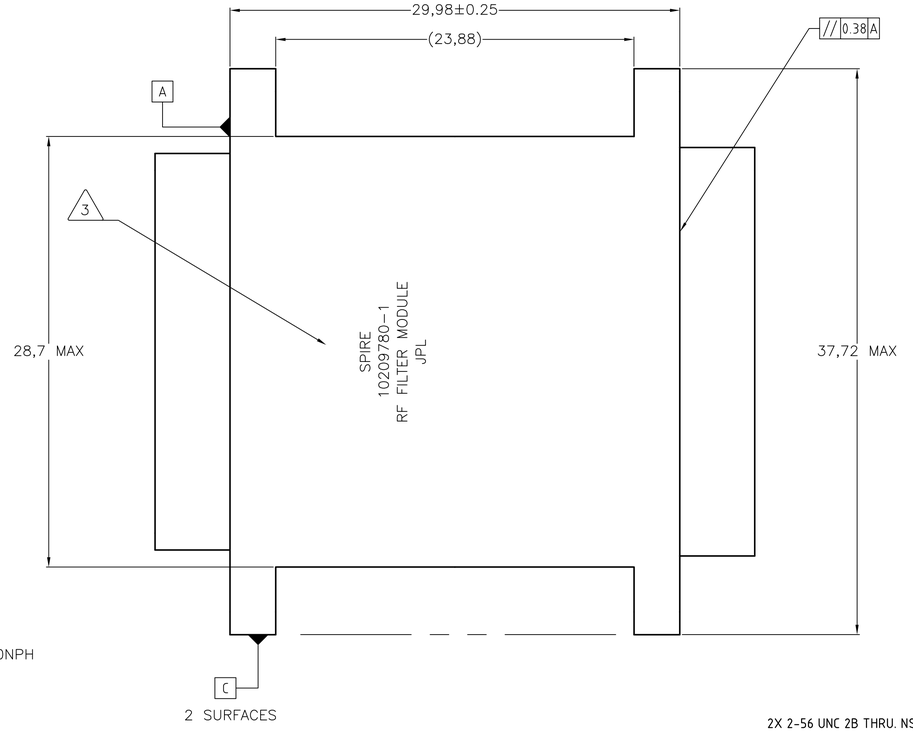
REVISIONS															
LTR	ZONE	DESCRIPTION	CODE	DWN	CHK	STRUCT	MATL	THRM CONT			ENGR	DSGN SUPV	DATA MGT	RELEASE DATE
A		INITIAL RELEASE	B	SEE TITLE BLOCK									RGB	3/20/03
B		ADDED COUNTERSINKS, DELETED NOTE 6, DELETED SHEET 2, MODIFED NOTE 7, CHANGED DIMENSIONS	B											

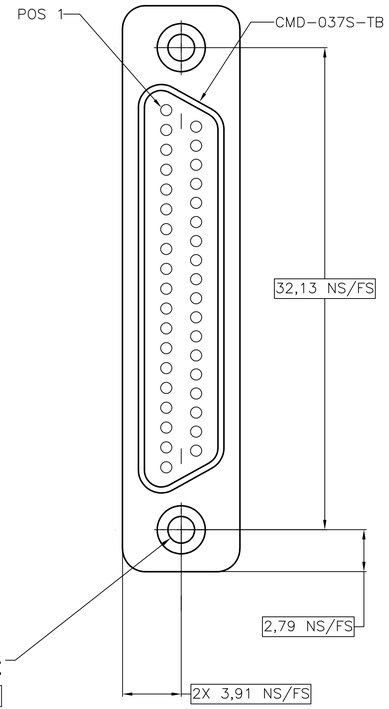


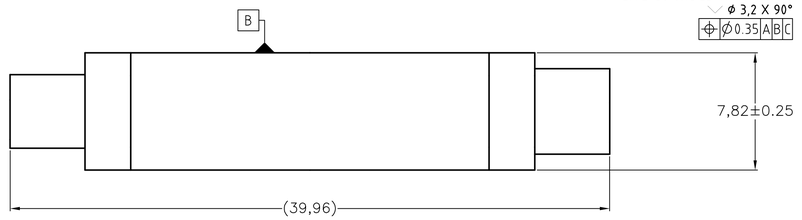


GENERAL VIEW
FOR REFERENCE ONLY
SCALE: NONE









5. RECOMENDED CONNECTOR CUT OUT.

4. FILTER TYPE IS PH(850/1300 PICOFARAD).

3. ASSEMBLY NUMBER, NAME, TITLE, DASH NUMBER, AND REV LETTER TO APPEAR AS SHOWN IN THIS AREA.

2. THIS IS THE INTERFACE CONTROL DRAWING FOR THE RF FILTER MODULE ASSEMBLY, JPL PART NUMBER 10209780. JPL DRAWING NUMBER 10209780 SHALL CONTAIN THE FOLLOWING NOTE: THIS ASSEMBLY MEETS THE INTERFACE REQUIREMENTS OF JPL INTERFACE CONTROL DRAWING 10209723.

1. THIS TECHNICAL DATA IS EXPORT CONTROLLED UNDER U.S. LAW AND IS BEING TRANSFERRED BY JPL TO PPARC PURSUANT TO THE NASA / PPARC LETTER OF AGREEMENT WHICH ENTERED INTO FORCE ON DECEMBER 2, 1999. THIS TECHNICAL DATA IS TRANSFERRED TO PPARC FOR USE EXCLUSIVELY ON THE NASA/PPARC SPIRE ON FIRST COOPERATIVE PROJECT, MAY NOT BE USED FOR ANY OTHER PURPOSE, AND SHALL NOT BE RE-TRANSFERRED OR DISCLOSED TO ANY OTHER PARTY WITHOUT THE PRIOR WRITTEN APPROVAL OF NASA.

NOTES: UNLESS OTHERWISE SPECIFIED

11. DELETED

10. THE UNIT MASS IS 25.0 GRAMS MAX

9. THE SERIES RESISTANCE BETWEEN THE CONNECTOR MATING FLANGES SHALL BE < 5 MILIΩ.

8. CONNECTOR ARE WIRED PIN TO PIN.

7. MATERIALS:
SHELLS - INCONEL 718 PER AMS 5596.
RECEPTICAL INSULATION - DIALLYPHTHALATE PER MIL-M-14G TYPE SDG-F
PLUG INSULATION - POLYPHENYLENE SULFIDE TYPE GST-4 40F
PLUG CONTACTS - BERYLIUM COPPER
SOCKET COTACTS - COPPER ALLOY
CONTACT FINISH: GOLD PER MIL-G-45204 TYPE 2 GRADE C CLASS 1 OVER NICKEL PER QQ-N-290

6. DELETED

INTERFACE DRAWING ? John Delderfield 2002.12.23 09:22:58 Z

PARTS LIST

QTY REQD	ITEM NO	REF DES	CAGE NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE	ZONE

MATERIAL

METRIC

THIRD ANGLE PROJECTION

SPIRE

NEXT ASSEMBLY | USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

LINEAR TOLERANCES:

0-6	± 0.1
OVER 6-30	± 0.2
OVER 30-120	± 0.3
OVER 120-315	± 0.5
OVER 315-1000	± 0.8
OVER 1000	± 1.2

ANGULAR TOLERANCES: ± 0.5°

MACHINE FINISH (MICROMETERS) 3.2

DO NOT SCALE DRAWING

INTERPRET DWG PER ANSI Y14.100M

CONTRACT NO 960939

	APPD	DATE
DWN	D WATERBURY	8/1/02
CHK	D CRUMB	7/30/02
STRUCT		
MATL		
THRM CONT		
RAL	J DELDERFIELD	7/26/02
PEM	G LILIENTHAL	1/30/03
ENGR	L HUSTED	9/25/02
DSGN SUPV		

JET PROPULSION LABORATORY
CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CA 91109

RELEASED THROUGH EDMG

RF FILTER MODULE, INTERFACE DRAWING, SPIRE

SIZE	CAGE NO		REV
A1	23835	10209723	B

SCALE 5:1 | UNCLASSIFIED | SHEET 1 OF 1

REV 2/00

AutoCAD GENERATED

A1 10209723

Released on MAR-21-2003 by Richard G Bannister and signed by Delbert D Waterbury-115649 CHK, Dustin J Crumb DEGN, Gerald W Lilienthal PEM, Stephen W Tseng COGE, Richard G Bannister