



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 _a	REVISED PER ECN 99-0292	10/8/99	S. Masby
B	REVISED PER ECN 0020-0262-01	12/17/02	JGH

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT. BUSHING	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
"O" - RING	FLOUROSILICONE PER MIL-R-25988, CLASS I, TYPE I.	N/A
HERMETIC SEAL	GLASS BEAD	N/A
GASKET	SAE C12L14 STEEL	SILVER PLATE PER QQ-S-365

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions DESC SPEC 85072	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 18	Center Contact Captivation	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 375	Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.04+.009F(GHz)	Weight (Grams) 1.4	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .05x√F(GHz)	Hermetic Seal 1 x 10 ⁻⁸ cc/sec Helium at 1 Atm	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-F(GHz))		Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 335		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000		
Contact Resistance (Milliohms MAX) Center Contact 6.0 Outer Contact 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000		
I.R.(Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>MC</i> DATE 4-30-92		AMP Incorporated	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY <i>BB</i> 4/30/92		140 Fourth Avenue Waltham, MA 02451-7599	
These drawings and specifications are the property of Divil Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.	APPROVED BY <i>ADD</i> 5/01/92		TITLE OSP PANEL FEEDTHRU PLUG RECEPTACLE HERMETICALLY SEALED	
	USE ASS'Y PROCEDURE	408-08287 (45-104)	NO. AP.	SIZE B CODE IDENT NO. 26805 4557-3205-00 REV 02 ₀
				SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059612-1
SHEET 1 OF 1 REV B