



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 <sub>0</sub>	REVISED PER ECN 99-0292	CMH 10/8/99	<i>[Signature]</i> 10/19/99
B	REVISED PER ECN 0U20-0262-01	GV, 12/17/02	JGH

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

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
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	FLOURO-SILICONE 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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY <u>K.C.MAHER</u> DATE <u>9/1/87</u>		AMP Incorporated	
	CHECKED BY <u>MH/M</u> DATE <u>9/10/87</u>		140 Fourth Avenue Waltham, MA 02451-7599	
	APPROVED BY <u>BAR</u> DATE <u>9/10/87</u>			
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.	USE ASS'Y PROCEDURE	TITLE <u>DSP PANEL FEEDTHRU PLUG RECEPTACLE HERMETICALLY SEALED</u>		
	<u>408-08287</u> (45-104)	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>03<sub>0</sub></u>
	NO. AP. _____	SCALE <u>5:1</u>	<u>4557-5119-02</u>	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059632-1  
SHEET 1 OF 1 REV B