



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

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

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 10⁻⁸ cc/sec Helium at 1 Atm</u>	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>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY K.C.MAHER 9/1/87		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY MH/M 9/10/87		TITLE DSP PANEL FEEDTHRU PLUG RECEPTACLE HERMETICALLY SEALED	
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			4557-5119-02	REV 03 ₀
SCALE 5:1			SHEET 1 OF 1	

CUSTOMER DRAWING

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