



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REDRAWN IN CAD, UPDATED TO STD FORMAT PER ECN 88-0678	4-18-90	<i>YDD</i>

RECOMMENDED MOUNTING HOLE

NOTES:
1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>MIL-STD-348</u>	Temperature Rating <u>-65°C To +125°C</u>
Frequency Range (GHz) <u>DC - 26.5</u>	<u>FIG 310.2</u>	Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) <u>335 @ Sea Level</u>	Recommended Mating Torque <u>N/A</u>	Shock - MIL-STD-202, Method 213, Condition I
VSWR <u>1.04 + (.009 F(GHz))</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.05√F(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Except High Temp 115°C
RF Leakage (dB MIN) <u>-(100 - F(GHz))</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance - MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>333</u>	Force To Engage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) <u>1000 @ Sea Level</u>	Force To Disengage (In/Lbs MAX) <u>2.0</u>	Leak Test - MIL-STD-202, Method 112, Condition C, Procedure I, 1 x 10 CC/Sec
Contact Resistance (Milliohms MAX)	Center Contact Captivation	
Center Contact <u>10.0</u>	Axial <u>6.0 Lbs</u>	
Outer Contact <u>2.0</u>	Radial <u>N/A</u>	
RF High Potential (VRMS MIN @ 5 MHz) <u>670 @ Sea Level</u>	Weight (Grams) <u>T.B.D.</u>	
I.R.(Megohms) <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 MIL-P-19468, FED SPEC L-P-403 & ASTM-D-1457	N/A
CTR CONTACT	BERYLLIUM COPPER PER ASTM B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
CONTACT EXT	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 (KOVAR)	GOLD PLATE PER MIL-G-45204
METAL GASKET	SAE C12L14 STEEL	SILVER PLATE PER QQ-S-365
HERMETIC SEAL	GLASS BEAD	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <u>L.ROSS</u> DATE <u>4-18-90</u>	AMP	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
FRAC. DEC. ANGLES	CHECKED BY <u>BB</u> DATE <u>4-18-90</u>		TITLE <u>OSM PANEL FEEDTHRU JACK RECEPTACLE HERMETICALLY SEALED</u>		
± 1/64 ± .005 ± 1°	APPD BY <u>YDD</u> DATE <u>4-18-90</u>				
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		SCALE <u>5:1</u>	SHEET 1 OF 1		

CUSTOMER DRAWING AMP PART # 1053227-1 SHEET 1 OF 1 REV A

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