



RECOMMENDED MOUNTING HOLE DIMENSIONS (P.C.B.)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₀	PART NO WAS 4562-0000-00 PER ECN 84-0476	LR 8/16/84	D.CAM
02 ₁	REDRAWN ON CAD PER ECN 88-0678	BME 2/7/90	BB 2/9/90

NOTES:
1. CAPTURED CENTER CONTACT

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
"O" - RING	NITRILE (BUNA-N) PER MIL-P-25732	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions per <u>DESC spec 85701</u>	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) <u>DC-18</u>	Recommended Mating Torque <u>N/A</u>	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>500 @ Sea level</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock - MIL-STD-202, Method 213, Condition I
VSWR <u>N/A</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss (dB MAX) <u>N/A</u>	Connector Engagement and Disengagement (In/Lbs MAX) <u>N/A</u>	Except High Temp 115°C
RF Leakage (dB MIN) <u>-(90-F(GHz))</u> (Interface only, fully mated)	Center Contact Captivation: Axial <u>6 Lbs</u>	Moisture Resistance - MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Cable Retention: Axial Force <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</u>	Torque <u>N/A</u>	
Contact Resistance (Milliohms MAX): Center Contact <u>2.0</u>	Weight (Grams) _____	
Outer Contact <u>2.0</u>		
RF High Potential (VRMS MIN @ 5 MHz) <u>1000</u>		
LR.(Megohms) <u>5000 MIN</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	DRWN BY <u>JDP</u>	DATE <u>2-9-83</u>	AMP	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY <u>T. SCANNELLI</u>	<u>9/29/83</u>		TITLE OSP PRINTED CIRCUIT BOARD PLUG RECEPTACLE - STRAIGHT TERMINAL	SIZE <u>B</u>
These drawings and specifications are the property of Omni 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 item(s) without written permission.	APPR BY <u>T. SCANNELLI</u>	<u>9/29/83</u>	NO. AP. <u>N/A</u>	4563-0000-00	REV <u>02₁</u>
	USE ASS'Y PROCEDURE		SCALE <u>5:1</u>	SHEET 1 OF 1	