



RECOMMENDED MOUNTING HOLE

NOTES:
1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348	Temperature Rating -65°C To +125°C
Frequency Range (GHz) DC - 26.5	FIG 310.2	Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) 335 @ Sea Level	Recommended Mating Torque N/A	Shock - MIL-STD-202, Method 213, Condition I
VSWR 1.04 + (.009 F(GHz))	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .05√F(GHz)	Insertion (MAX Lbs) 3.0	Except High Temp 115°C
RF Leakage (dB MIN) -(100 - F(GHz))	Withdrawal (MIN Oz) 1.0	Moisture Resistance - MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 333	Force To Engage (In/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) 1000 @ Sea Level	Force To Disengage (In/Lbs MAX) 2.0	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 10.0	Axial 6.0 Lbs	
Outer Contact 2.0	Radial N/A	
RF High Potential (VRMS MIN @ 5 MHz) 670 @ Sea Level	Weight (Grams) T.B.D.	
I.R.(Megohms) 5000		

HOUSING	MATERIAL	FINISH
DIELECTRIC	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
CTR CONTACT	TFE FLUOROCARBON PER MIL-P-19468, FED SPEC L-P-403 & ASTM-D-1457	N/A
CONTACT EXT	BERYLLIUM COPPER PER ASTM B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
METAL GASKET	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 (KOVAR)	GOLD PLATE PER MIL-G-45204
HERMETIC SEAL	SAE C12L14 STEEL	SILVER PLATE PER QQ-S-365
	GLASS BEAD	N/A
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY L.ROSS DATE 4-18-90	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1°	CHECKED BY BB 4-18-90	
	APPD BY MDD 4-18-90	
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.	USE ASS'Y PROCEDURE 408-04847 NO. AP. (20-600)	TITLE OSM PANEL FEEDTHRU JACK RECEPTACLE HERMETICALLY SEALED
	SIZE B	CODE IDENT NO. 26805
	SCALE 5:1	2058-5119-02
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