



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	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 FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1°	DRAWN BY <i>L.ROSS</i>	DATE 4-18-90	<b>AMP</b>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY BB	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.	APPD BY <i>YDD</i>	4-18-90	TITLE OSM PANEL FEEDTHRU JACK RECEPTACLE HERMETICALLY SEALED	
	USE ASS'Y PROCEDURE 408-04847 NO. AP. (20-600)	SIZE B	CODE IDENT NO. 26805	2058-5119-02
	SCALE 5:1	REV 01 <sub>1</sub>	SHEET 1 OF 1	