


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>0</sub>	MAJOR CHANGE PER ECN 84-0725	L.ROSS 10/12/84	L.BELOPOLSKY
02 <sub>1</sub>	REDRAWN IN CAD PER ECN 88-0678	E.F.H. 8/20/90	KCM

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.2	Temperature Rating <u>-65°C TO 125°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level <u>335</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR <u>1.05 + .005 f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Shall Be Omitted
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Axial (Lbs) <u>6.0 Lbs</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>4.0 Inch-Ounces</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>N/A</u>	
Cable to Housing <u>N/A</u>	Torque (In/Oz) <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams) <u>2.2</u>	
I.R.(Megohms MIN) <u>10,000</u>		

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 AND MIL-P-19468	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY	DATE		<b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
	FRAC. DEC. ANGLES	J.P.D.		
± 1/64 ±.005 ± °	APP'D BY			
	B.M.F.	6/7/76		
	P.C.D.	6/8/76		
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 items without written permission.	USE ASS'Y PROCEDURE		TITLE	
	NO. AP. <u>N/A</u>		OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE TAB TERMINAL	
			SIZE	CODE IDENT NO.
		B	26805	02 <sub>1</sub>
		SCALE	2052-1618-02	SHEET 1 OF 1
		5:1		

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