



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
041	REVISED	6/26/96	<i>RAC</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating Torque <u>7 - 10 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>1,000</u>	Mating Characteristics: Insertion (MAX lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.05 + .01 f(GHz)</u>	Withdrawal (MIN oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.04 √f(GHz)</u>	Force to Engage and Disengage (in-lbs MAX) <u>2.0</u>	Except High Temp
RF Leakage (dB MIN) [<u>-70 - f(GHz)</u>]	Center Contact Captivation Axial (lbs) <u>6.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>333</u>	Radial (in-oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Cable Retention Axial Force (lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>10.0</u>	Torque (in-oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>667</u>		
I.R.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT.	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
'O' - RING	SILICONE RUBBER PER ZZ-R-765	N/A
HERMETIC SEAL	GLASS BEAD	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <u>S PATEL</u> DATE <u>7/29/77</u>		 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON		CHECKED BY <u>KWW</u> DATE <u>8/10/77</u>		
FRAC. ± 1/64	DEC. ± .005	ANGLES ± °	APPD BY <u>RMF</u> DATE <u>8/12/77</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.		USE ASS'Y PROCEDURE		TITLE <u>OSM HERMETICALLY SEALED PANEL JACK RECEPTACLE</u>
NO. AP. <u>N/A</u>		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	REV <u>041</u>
		SCALE <u>5 : 1</u>		SHEET <u>1 OF 1</u>

.XXX = in
XX.X = mm