



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.	DEC.	ANGLES	APPD BY <u>RMF</u> DATE <u>8/12/77</u>		
± 1/64	±.005	± °		TITLE <u>OSM HERMETICALLY SEALED PANEL JACK RECEPTACLE</u> NO. AP. <u>N/A</u> USE ASS'Y PROCEDURE	
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		SCALE <u>5 : 1</u>		SHEET <u>1</u> OF <u>1</u>	

.XXX = in  
XX.X = mm