



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₃	REVISED ECN 97-0358-2	10/27/97	Tubag

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	HOUSING	DIELECTRIC	CENTER CONTACT	COMPONENT	MATERIAL	FINISH
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>	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PTFE FLUOROCARBON PER ASTM-D-1457	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	PASSIVATE PER QQ-P-35
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating Torque <u>7-10 in-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition B				DATE <u>4-30-69</u>		N/A
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I				CHECKED BY <u>PW</u> <u>5/14/69</u>		GOLD PLATE PER MIL-G-45204
VSWR <u>1.05 + .005f GHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,				APPD BY <u>SIR</u> <u>5/14/69</u>		
Insertion Loss (dB MAX) <u>.03 √f GHz</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration						
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Shall Be Omitted						
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Radial (In/Oz) <u>4.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray						
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Weight (Grams) <u>2.2</u>							
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>								
Outer Contact <u>2.0</u>								
Cable to Housing <u>N/A</u>								
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>								
LR.(Megohms MIN) <u>10,000</u>								
			DRAWN BY <u>RMK</u> DATE <u>4-30-69</u>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599			
			CHECKED BY <u>PW</u> DATE <u>5/14/69</u>		TITLE <u>OSM FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL</u>			
			APPD BY <u>SIR</u> DATE <u>5/14/69</u>					
			USE ASS'Y PROCEDURE		NO. AP. <u>N/A</u>			
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					SCALE <u>4:1</u> SHEET 1 OF 1			

.XXX = in
XX.X = mm (REF)