



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₁	REDRAWN IN CAD PER ECN 98-0001	PATLAN 4-23-98	<i>[Signature]</i> 8/24/1998

RECOMMENDED MOUNTING HOLE

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
MOUNTING NUT		
LOCKWASHER		
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, 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

COMPONENT	MATERIAL	FINISH
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ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310-2	Temperature Rating <u>-65° TO +165°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Recommended Mating Torque <u>7-10 IN-LBS</u>	Vibration MIL-STD-1344, Method 2005, Condition IV
Volt Rating (VRMS MAX) <u>Sea Level 335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-1344, Method 2004, Condition G
VSWR <u>1.05 + .01f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-1344, Method 1003, Condition A, Except High Temp +200°C
Insertion Loss (dB MAX) <u>.04√f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-[70-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>Sea Level 1,000</u>	Cable Retention Axial Force (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>7.0</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 <u>Sea Level (VRMS MIN @ 5 MHz) 670</u>		
LR.(Megohms MIN) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>BWC</u> DATE <u>07-02-68</u>		M/A-COM a Division of AMP Incorporated 140 Fourth Avenue Waltham, MA 02154-7577	
FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1°	CHECKED BY <u>FRB</u> DATE <u>07-02-68</u>		TITLE HERMETICALLY SEALED STRAIGHT BULKHEAD JACK RECEPTACLE	
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	USE ASSY PROCEDURE	SCALE <u>5:1</u>	SHEET 1 OF 1	