



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:	Shock MIL-STD-1344, Method 2004, Condition G
VSWR <u>1.05 + .01f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Thermal Shock MIL-STD-1344, Method 1003, Condition A, Except High Temp +200°C
Insertion Loss (dB MAX) <u>.04√f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-[70-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) <u>Sea Level 1,000</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX):	Radial (In-Oz) <u>N/A</u>	
Center Contact <u>7.0</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 <u>Sea Level</u>	Weight (Grams) <u>TBD</u>	
(VRMS MIN @ 5 MHz) <u>670</u>		
IR.(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	
These drawings and specifications are the property of M/A COM Interconnect Div. 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.	APPD BY <u>BWC</u> DATE <u>02-14-69</u>		USE ASSY PROCEDURE NO. A.P. <u>N/A</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2056-3100-00 REV <u>02₁</u> SCALE <u>5:1</u> SHEET <u>1</u> OF <u>1</u>