



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
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
DRAWN BY BWC DATE 07-02-68		M/A-COM a Division of AMP Incorporated 140 Fourth Avenue Waltham, MA 02154-7577
CHECKED BY FRB DATE 07-02-68		
APPD BY BWC DATE 02-14-69		
TITLE HERMETICALLY SEALED STRAIGHT BULKHEAD JACK RECEPTACLE		
USE ASSY PROCEDURE	NO. A.P. N/A	SCALE 5:1
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		SIZE B CODE IDENT NO. 2056-3100-00 REV 02 ₁
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ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310-2	Temperature Rating -65° TO +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 IN-LBS	Vibration MIL-STD-1344, Method 2005, Condition IV
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-1344, Method 2004, Condition G
VSWR 1.05 + .01f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-1344, Method 1003, Condition A, Except High Temp +200°C
Insertion Loss (dB MAX) .04√f(GHz)	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[70-f(GHz)]	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) N/A	
Center Contact 7.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) N/A	
Cable to Housing N/A	Torque (In-Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) TBD	
LR.(Megohms MIN) 5,000		

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