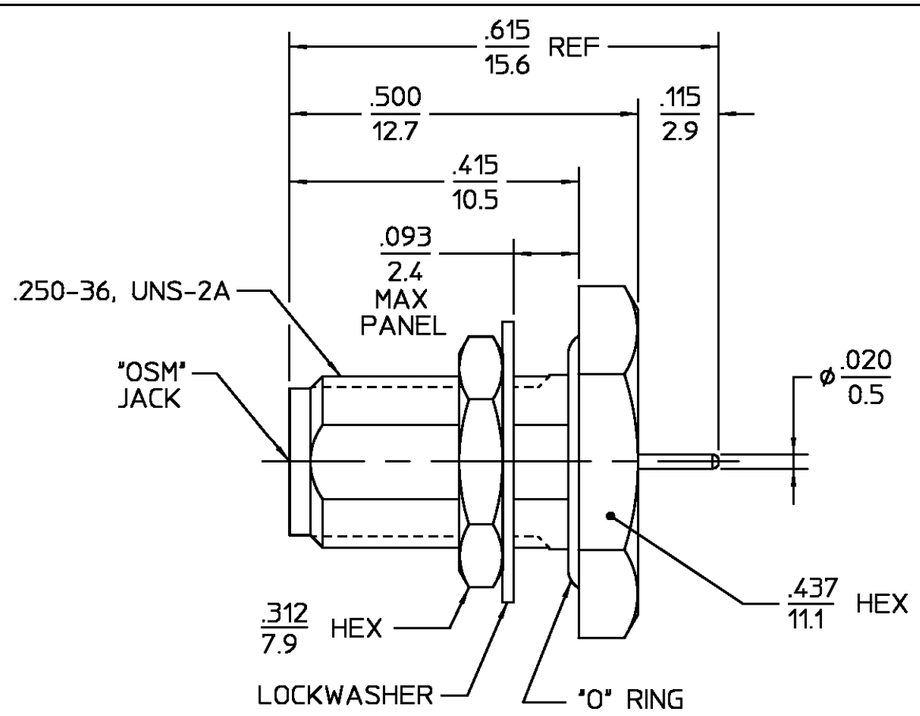
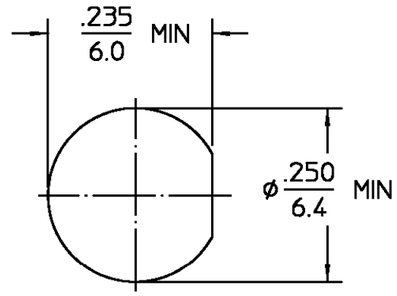


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02_1	REDRAWN IN CAD PER ECN 98-0001	PATLANT 4-23-98	6/24/1998



RECOMMENDED MOUNTING HOLE

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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

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)	$.04\sqrt{f(GHz)}$	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	.XXX = in
Contact Resistance (Milliohms MAX)		Radial (In-Oz)	N/A	XX.X = mm (REF)
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	
I.R.(Megohms MIN)	5,000			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY BWC 07-02-68
CHECKED BY PRB 07-02-68
APP'D BY BWC 02-14-69

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USE ASS'Y PROCEDURE

NO. A.P. N/A

M/A-COM
a Division of AMP Incorporated
140 Fourth Avenue
Waltham, MA 02154-7577

TITLE HERMETICALLY SEALED STRAIGHT BULKHEAD JACK RECEPTACLE

SIZE	CODE IDENT NO.		REV
B	26805	2056-3100-00	02_1

SCALE 5:1 SHEET 1 OF 1

TYCO PART NO. 1053086-1
SHEET 1 OF 1 REV 0