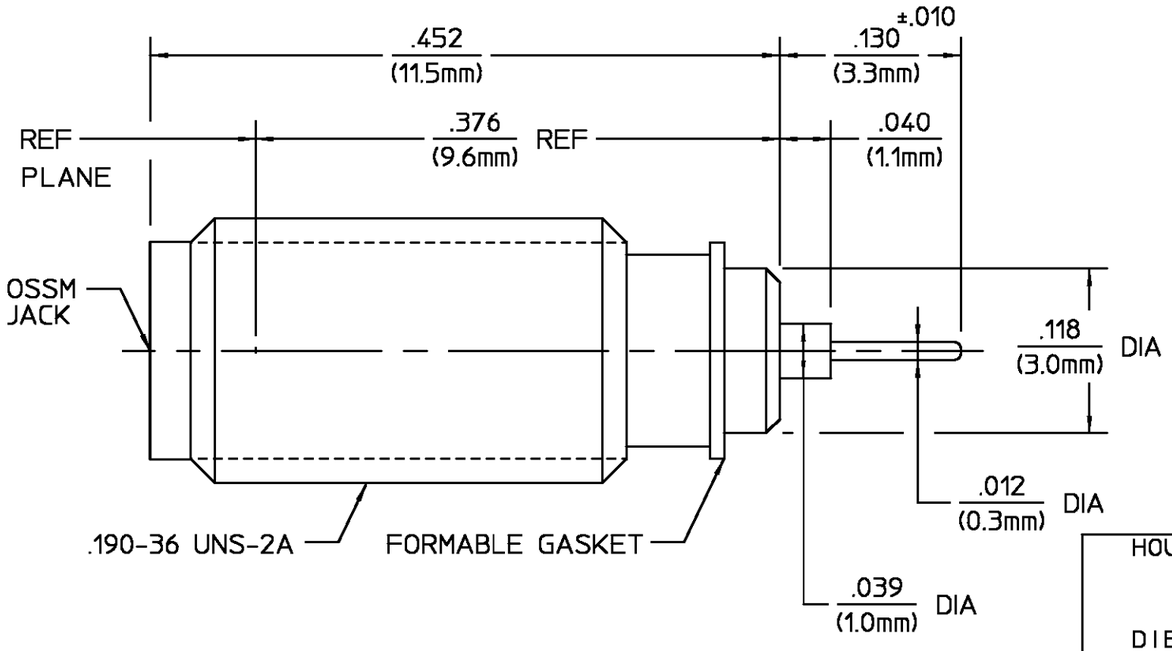
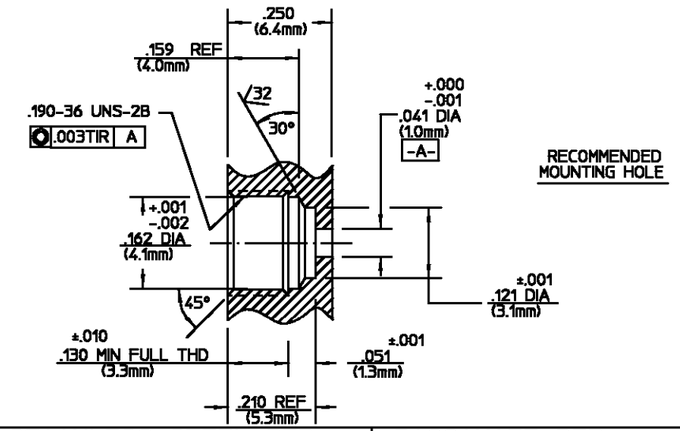


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	6/15/93	



COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
GASKET	SOFT COPPER PER ASTM-B-152 OR ASTM-B-370, ALLOY 110	N/A
CONTACT EXT. BUSHING	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
HERMETIC SEAL	GLASS BEAD	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 319.2	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 26.5	Recommended Mating Torque 3-5 In.Lbs	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.05 + .01 f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) $.05\sqrt{f(GHz)}$	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[100-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) 190	Center Contact Captivation	Leak Test MIL-STD-202, Method 112, Condition C, 1×10^{-8} cc/sec
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Axial (Lbs) 4.0	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) N/A	
Center Contact 2.0	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) 500	Weight (Grams) TBD	
I.R.(Megohms MIN) 5,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY J. Davis DATE 6/9/93
CHECKED BY
APP'D BY 6/15/93

AMP

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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE OSSM BULKHEAD JACK RECEPTACLE HERMETICALLY SEALED

SIZE	CODE IDENT NO.		REV
B	26805	1058-5039-02	01_0

SCALE 10 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1045658-1
SHEET 1 OF 1 REV A