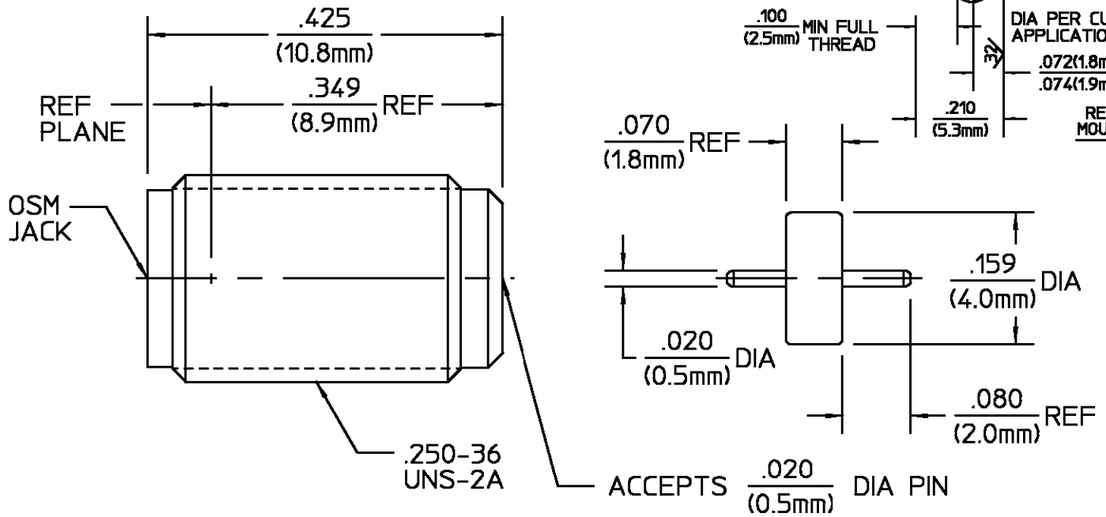

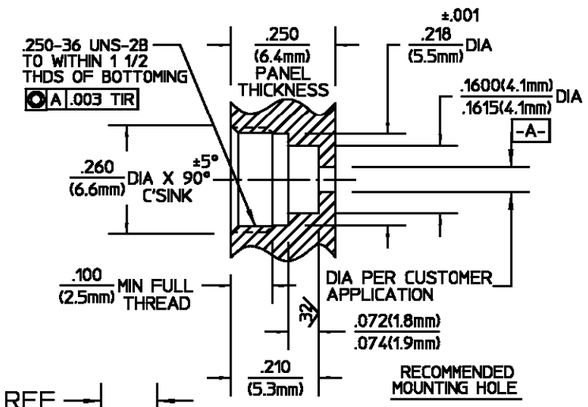

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02_0	SEE ECN 81-0180-3	BB 2-24-81	T.SCANELLI
02_1	SEE ECN 81-0423-1	VM 5-7-81	F.ALLEN
02_2	SEE GEN ECN 80-0084	FN 6-1-82	GH 2JUNE82
02_3	REDESIGNED PER ECO 8751	8-13-85	JJ/KES
02_4	ADD DATUM A & CONCENTRIC TOL PER ECO #8852. MTG HOLE DETAIL REVISED	1-23-86	JJ/RAV
03_0	MAJOR CHANGE PER ECN 90-1122-1. REDRAWN IN CAD PER ECN 88-0678.	BME 1/24/91	GDD M.Y.2-25-91

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A Fig. 310.2	Temperature Rating -65°C To +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition D, 20G'S
Volt Rating (VRMS MAX) N/A	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.06 + .01f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°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) -(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) 333	Center Contact Captivation	Leak Test - MIL-STD-202,Method 112, Condition C, Proc.1
Dielectric Withstanding Voltage (VRMS MIN) 1000 @ Sea Level	Axial (Lbs) 6.0	(1×10^{-8} cc/sec/atm)
Contact Resistance (Milliohms MAX)	Radial (In/Oz) N/A	
Center Contact 10.0	Weight (Grams) T.B.D.	
Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 667 @ Sea Level		
I.R.(Megohms MIN) 5000		

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
CONTACT EXT. BUSHING	IRON-NICKEL ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
HERMETIC SEAL	GLASS BEAD	N/A

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

DRAWN BY G.BEERS	DATE 10-27-80	
CHECKED BY K.DALY	10-30-80	
APP'D BY T.SCANELLI	10-31-80	

AMP

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USE ASS'Y PROCEDURE

408-04853
NO. A.P. (20-621)

TITLE OSM PANEL FEEDTHROUGH JACK RECEPTACLE WITH HERMETIC SEAL SUB-ASSY

SIZE	CODE IDENT NO.		REV
B	26805	2058-5329-02	03_0
SCALE 8:1		SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1053265-1
SHEET 1 OF 1 REV A