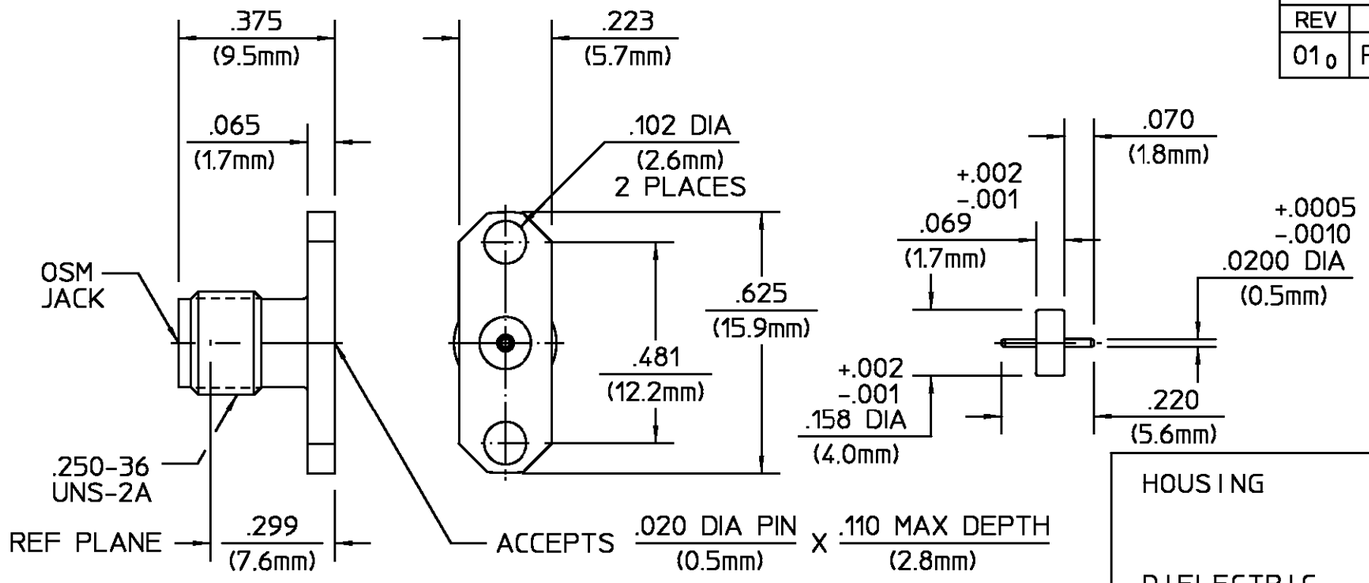
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED PER ECN 90-0404-1	5-25-90	DCornell



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348,	Temperature Rating -65°C to 165°C
Frequency Range (GHz) DC to 18	Fig. 319.2	Vibration MIL-STD-202, Method
	Recommended Mating	204, Condition D, 20 G's
	Torque N/A	Shock MIL-STD-202, Method 213,
VSWR 1.06+.01 f(GHz)	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) .04 $X\sqrt{f(GHz)}$	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -(70-fGHz)	Withdrawal (MIN Oz) 1.0	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 333	Force to Engage and	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage	Disengage (In/Lbs MAX) 2.0	Method 106
(VRMS MIN) @ Sea Level 1000	Center Contact Captivation	Corrosion - MIL-STD-202, Method
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	101, Condition B, 5% salt spray
Center Contact 10.0	Radial (In/Oz) NONE	Leak Test - MIL-STD-202, Method
Outer Contact 2.0		112, Condition C, Procedure 1
		1 X 10^{-8} CC/SEC
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) 667	Weight (Grams) TBD	
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, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	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 OVER NICKEL PLATE PER QQ-N-290
HERMETIC SEAL	GLASS BEAD	N/A

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

DRAWN BY B.M.EDWARDS DATE 5/14/90
CHECKED BY M.CATIZONE 5/21/90
APP'D BY DCornell 5-25-90

AMP

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140 Fourth Avenue
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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE - ACCEPTS .020 DIA PIN

SIZE	CODE IDENT NO.		REV
B	26805	2052-3324-02	01_0
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052611-1
SHEET 1 OF 1 REV A