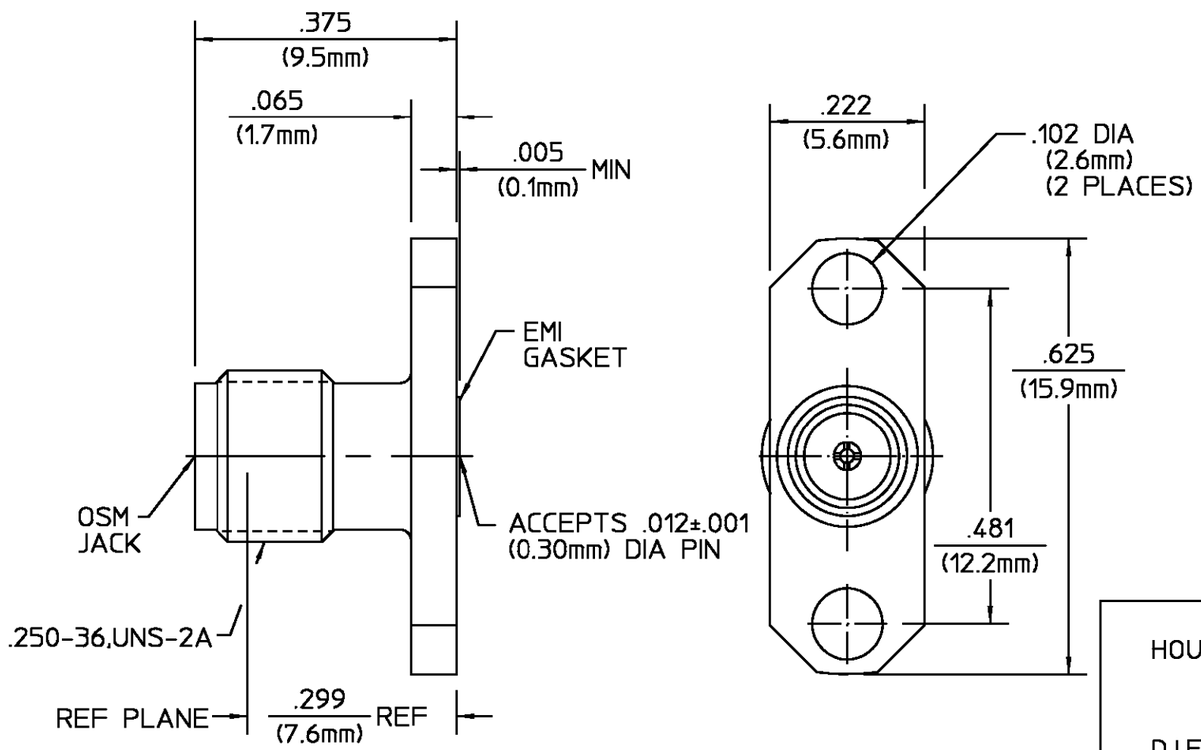
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	12/1/93	



NOTES:

1. CAPTURED CENTER CONTACT

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PER QQ-N-290
GASKET	CONDUCTIVE ELASTOMETERS PER MIL-G-83528	N/A

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC - 18
Volt Rating (VRMS MAX)	N/A
VSWR	1.04+.006 F(GHz)
Insertion Loss (dB MAX)	$.04\sqrt{F(GHz)}$
RF Leakage (dB MIN)	-70 - F(GHz)
Corona, 70,000 Ft (VRMS MIN)	333
Dielectric Withstanding Voltage (VRMS MIN)	1000 @ sea level
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
RF High Potential (VRMS MIN @ 5 MHz)	667 @ sea level
I.R.(Megohms)	5000

MECHANICAL	
Interface Dimensions	MIL-STD-348 FIG 310.2
Recommended Mating Torque	7-10 InLbs
Mating Characteristics:	
Insertion (MAX Lbs)	3.0
Withdrawal (MIN Oz)	1.0
Force To Engage (In/Lbs MAX)	2.0
Force To Disengage (In/Lbs MAX)	2.0
Center Contact Captivation	
Axial	6.0 Lbs
Radial	N/A
Weight (Grams)	T.B.D.

ENVIRONMENTAL
Temperature Rating -65°C To +165°C
Vibration - MIL-STD-202, Method 204, Condition D, 20G's
Shock - MIL-STD-202, Method 107, Condition B
Thermal shock MIL-STD-202, Method 107, Condition B Except High Temp 115°C
Moisture Resistance - MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

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

DRAWN BY DATE 12/1/93
CHECKED BY
APP'D BY 12/1/93

AMP

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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE OSM TWO HOLE FLANGE MOUNT JACK RECEPTACLE WITH EMI/RFI GASKET

SIZE	CODE IDENT NO.		REV
B	26805	2052-3354-02	01_0

SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052628-1
SHEET 1 OF 1 REV A