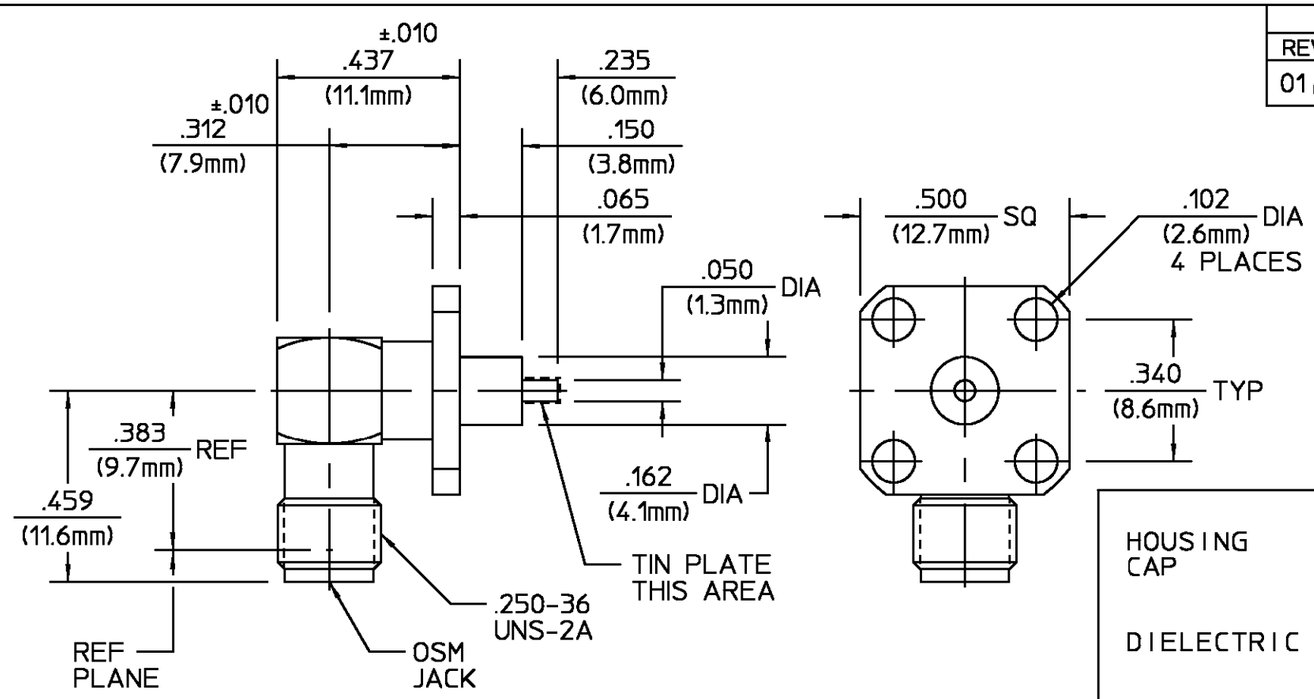

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	8/23/90	S.T.M.

COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457 & MIL-P-19468	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	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550. TIN PLATE AREA SHOWN PER MIL-T-10727

ELECTRICAL		MECHANICAL		ENVIRONMENTAL
Nominal Impedance (Ohms)	50	Interface Dimensions Hazeltine Corp. S.C.D. 352105, Fig. 2		Temperature Rating -55°C to 125°C
Frequency Range (GHz) DC to	18	Recommended Mating Torque	N/A	Vibration MIL-STD-202, Method 204, Condition D
VSWR	1.07 +.015f(GHz)	Mating Characteristics:		Shock MIL-STD-202, Method 213, Condition I
Insertion Loss (dB MAX)	$.08\sqrt{f(GHz)}$	Insertion (MAX Lbs)	3.0	Moisture Resistance MIL-STD-202, Method 106, Insulation Resistance Shall Be at Least 200 Megohms Within 5 Minutes of Removal From Humidity
RF Leakage (dB MIN)	-[90-f(GHz)]	Withdrawal (MIN Oz)	1.0	
Corona, 70,000 Ft (VRMS MIN)	250	Force to Engage and Disengage (In/Lbs MAX)	2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1000	Center Contact Captivation		
Contact Resistance (Milliohms MAX)		Axial (Lbs)	6.0	
Center Contact	2.0	Radial (In/Oz)	4.0	
Outer Contact	2.0	Weight (Grams)	TBD	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Cable to Housing	N/A			
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670			
I.R.(Megohms MIN)	10,000			

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

DRAWN BY B.M.EDWARDS DATE 8/20/90
CHECKED BY K.C.MAHER 8/23/90
APP'D BY S.T.M. 8/23/90

AMP Incorporated
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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE OSM 4 HOLE FLANGE MOUNT RIGHT ANGLE JACK RECEPTACLE - STRAIGHT TERMINAL

SIZE	CODE IDENT NO.		REV
B	26805	2054-5441-02	01_0
SCALE 3:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1058496-1
SHEET 1 OF 1 REV A