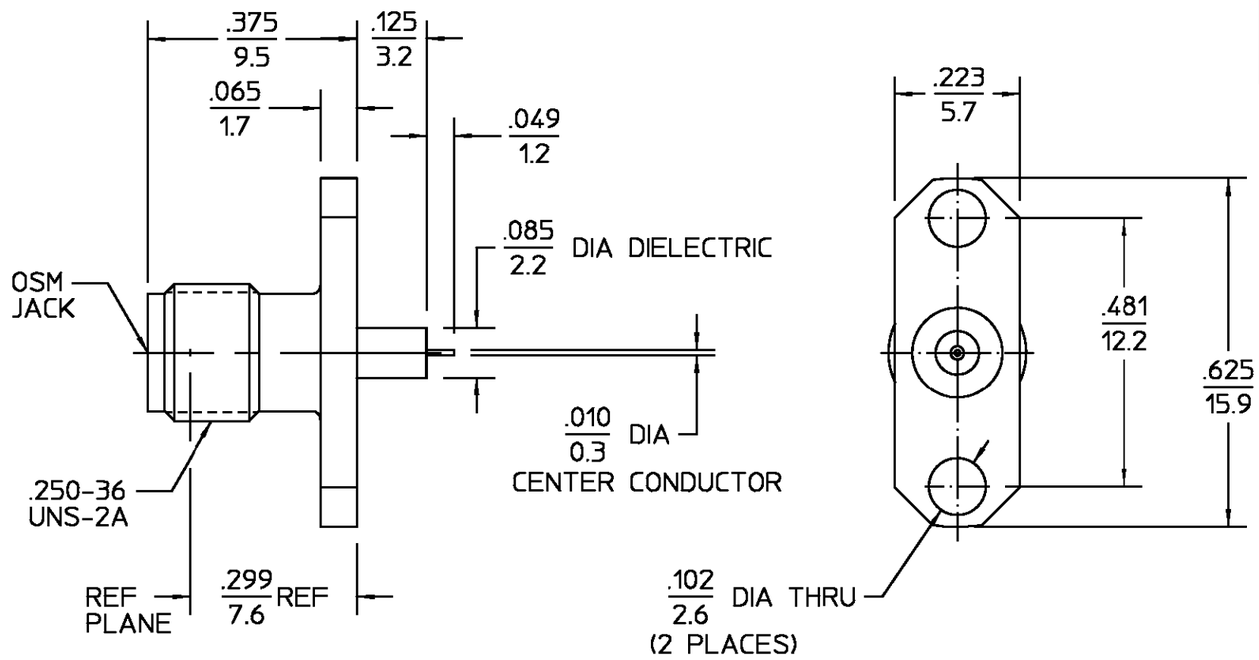
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_1	REDRAWN ON CAD ECN 92-0009	8/30/93	8/30/93
02_0	REVISED PER ECN 95-0247	6/06/95	



ELECTRICAL		MECHANICAL		ENVIRONMENTAL
Nominal Impedance (Ohms)	50	Interface Dimensions MIL-STD-348A, Fig. 310.2		Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to	18.0	Recommended Mating Torque	7-10 IN LBS	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level	335	Mating Characteristics:		Shock MIL-STD-202, Method 213, Condition I
VSWR	1.07 + .01 f(GHz)	Insertion (MAX Lbs)	3.0	Thermal Shock MIL-STD-202, Method 107, Condition A
Insertion Loss (dB MAX)	$.03\sqrt{f(GHz)}$	Withdrawal (MIN Oz)	1.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN)	-[60-f(GHz)]	Force to Engage and Disengage (In-Lbs MAX)	2.0	
Corona, 70,000 Ft (VRMS MIN)	250	Center Contact Captivation		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1000	Axial (Lbs)	6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX)		Radial (In-Oz)	4.0	
Center Contact	2.0	Cable Retention		
Outer Contact	2.0	Axial Force (Lbs)	N/A	.XXX = in
Cable to Housing	N/A	Torque (In-Oz)	N/A	XX.X = mm
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670	Weight (Grams)	1.6	
I.R.(Megohms MIN)	10000			

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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

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

		DATE
DRAWN BY	JB	3/31/76
CHECKED BY	RMF	3/31/76
APP'D BY	BWC	4/1/76

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.

USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL

SIZE	CODE IDENT NO.		REV
B	26805	2052-5674-02	02_0
SCALE 4 : 1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052902-1
SHEET 1 OF 1 REV A