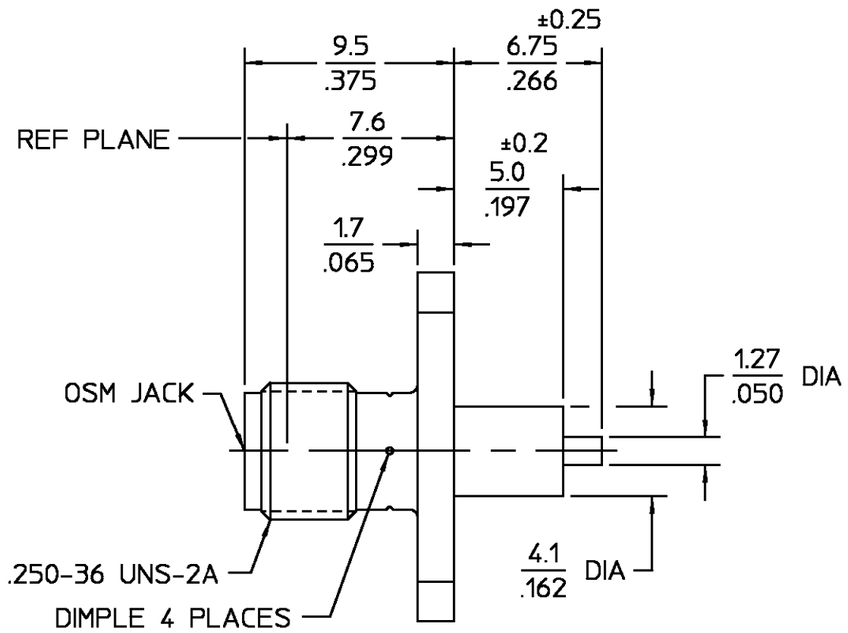
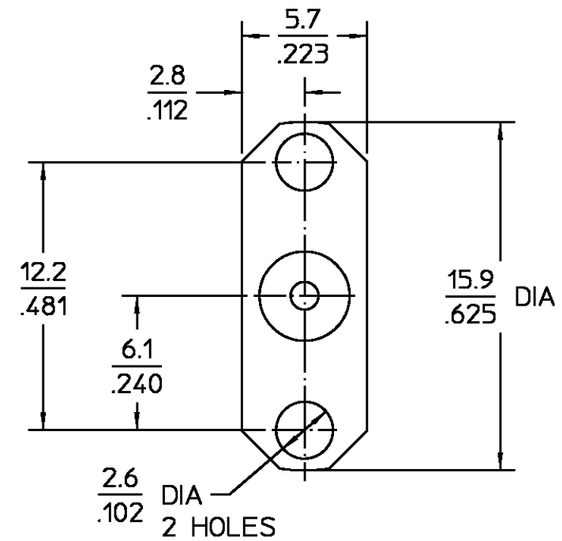
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	29/2/96	





NOTES:
1. CAPTURED CENTER CONTACT

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 12.4	Recommended Mating Torque 3-5 inlbs (0.34Nm-0.57Nm)	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 1.05 + .005 f(GHz)	Insertion (MAX Lbs) 3.0 (1.36Kg)	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) $0.03\sqrt{f(GHz)}$	Withdrawal (MIN Oz) 1.0 (28.35g)	
RF Leakage (dB MIN) -[100 - f(GHz)]	Force to Engage and Disengage (In-Lbs MAX) 2.0 (0.23Nm)	Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Axial (Lbs) 6.0 (2.7Kg) MIN FROM INTERFACE	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 4.0 (1.8Kg) MIN FROM FLANGE	
Center Contact 2.0	Radial (In-Oz) 4.0 (0.028Nm)	
Outer Contact 2.0		
Cable to Housing N/A		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 10,000		
	Weight (Grams) TBD	

XX.X = mm
.XXX = in

COMPONENT	MATERIAL	FINISH
HOUSING	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCE ON
DEC. ±0.13 ANGLES ± 1°

DRAWN BY S. Morley DATE 2/21/96
CHECKED BY
APP'D BY

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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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	2252-5501-09	01 0
SCALE 4 : 1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1313746-1
SHEET 1 OF 1 REV A