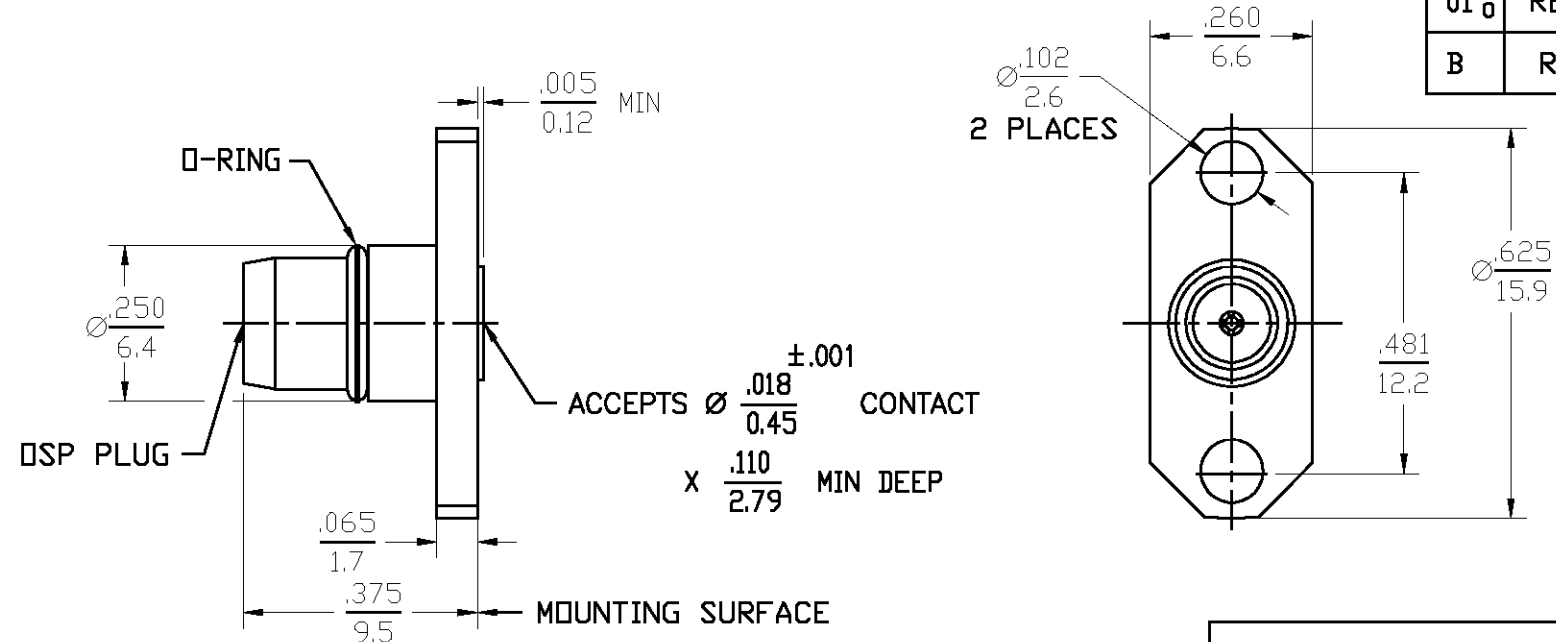


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	7/25/97	<i>RAC</i>
B	REVISED PER ECN 0U20-0262-01	G.V. 12/12/02	JGH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions Per MIL-STD-348A Fig. 321.1	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.04+0.06f(GHz)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03x √f(GHz)	Force to Engage (Lbs MAX) 3 & Disengage (Lbs MAX) 1.5	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation Axial (Lbs) FROM INTERFACE 6 FROM FLANGE 3	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 250	Weight (Grams) TBD	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000		
Contact Resistance (Milliohms MAX)		
Center Contact 3.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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
EMI GASKET	CONDUCTIVE ELASTOMERS PER MIL-G-83528	N/A
O-RING	FLUOROSILICONE PER MIL-R-25988, CLASS I, TYPE I.	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1°

DRAWN BY *RAC* DATE 7/18/97  
 CHECKED BY *RAC*  
 APP'D BY *RAC* 7/25/97

USE ASS'Y PROCEDURE  
 NO. AP. N/A

These drawings and specifications are the property of M/A COM Interconnect Div. 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.

TITLE DSP 2 HOLE FLANGE MOUNT PLUG RECEPTACLE - ACCEPTS .018±.001 PIN

AMP Incorporated  
 140 Fourth Avenue  
 Waltham, MA 02451-7599

SIZE B	CODE IDENT NO. 26805	4551-3356-02	REV 01
SCALE 4:1			SHEET 1 OF 1

.XXX = in  
 XX.X = mm (REF)