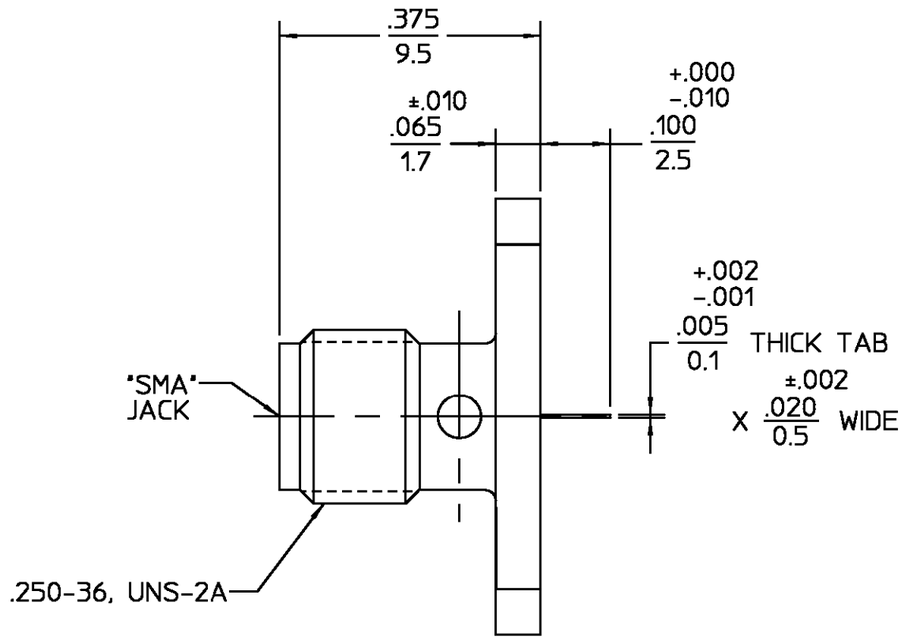
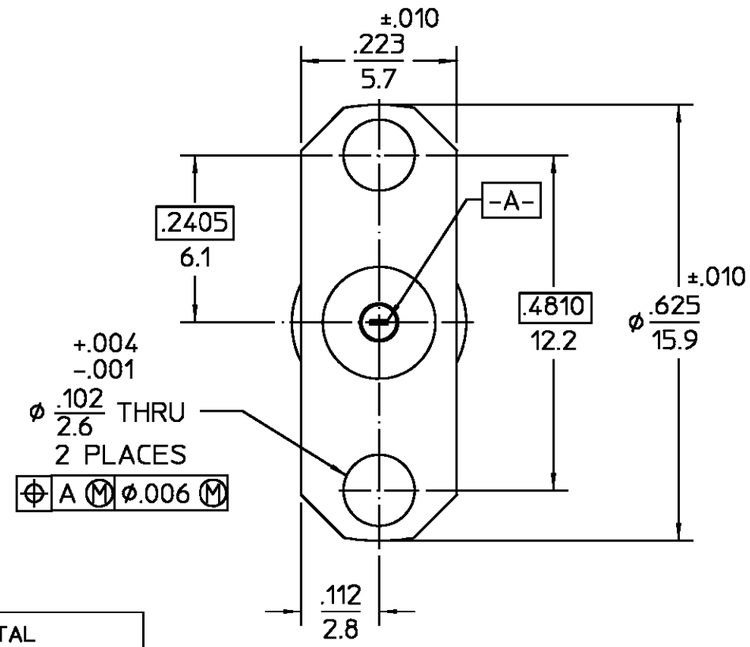
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_2	REDRAWN IN CAD PER ECN 98-0001	PATLAN 4/02/98	4/3/98





ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C to +105°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7-10 IN LBS	Thermal Shock - MIL-STD-202, Method 107, Condition A,
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Corrosion - MIL-STD-1344, Method 1001, Condition B
VSWR 1.35 + .01f(GHz)	Insertion (MAX Lbs) 3.0	Moisture Resistance - MIL-STD-202, Method 106, No measurements at high humidity. Insulation resistance shall be at least 200 Meg Ohms within 5 minutes after removal from humidity,
Insertion Loss (dB MAX) $.07\sqrt{f(GHz)}$	Withdrawal (MIN Oz) 1.0	
RF Leakage (dB MIN) N/A	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Corona, 70,000 Ft (VRMS MIN) N/A	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) 4.0	
Center Contact 3.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) N/A	
Cable to Housing N/A	Torque (In-Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) 1.7	
I.R.(Megohms MIN) 5,000		

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

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY G.B. DATE 3-07-84
CHECKED BY R.G. 3-26-84
APP'D BY R.G. 3-26-84

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USE ASS'Y PROCEDURE

NO. A.P. N/A

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE SMA FLANGE MOUNT JACK RECEPTACLE CAPTURED CENTER CONTACT TAB TERMINAL (M83517/1-31001)

SIZE	CODE IDENT NO.		REV
B	26805	2052-8003-92	01_2

SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052928-1
SHEET 1 OF 1 REV A