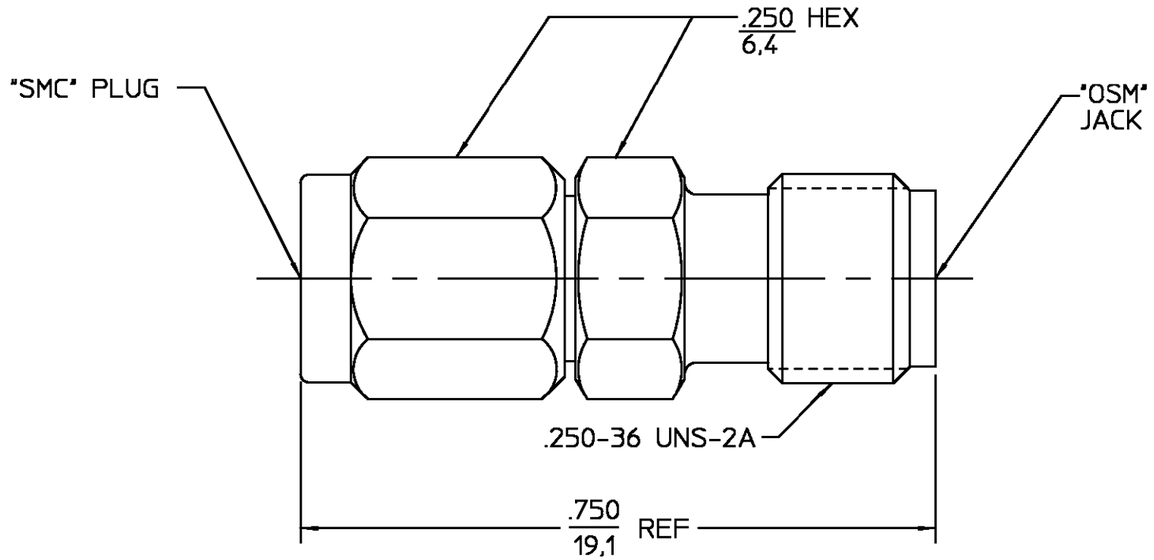
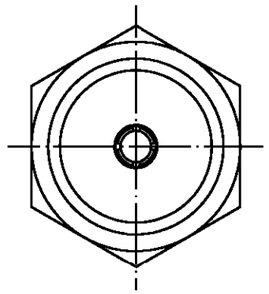


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	4/14/99	



NOTES:

1. CAPTURED CENTER CONTACT

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	4.0
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.25+.04f(GHz)
Insertion Loss (dB MAX) .03 @	1.5GHz
RF Leakage (dB MIN) -55 @	2 to 3 GHz
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1,000
Contact Resistance (Milliohms MAX)	
Center Contact	6.0
Outer Contact	1.0
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	700
I.R.(Megohms MIN)	1,000

MECHANICAL		
Interface Dimensions		
	SMB MIL-STD-348A 311-1	
	OSM MIL-STD-348A 310-2	
Recommended Mating Torque		
	SMC 30-50 In-Ozs	
Mating Characteristics:		
	SMB	OSM
Insertion	2.5	3.0
Withdrawal	1.0	2.0
Force to Engage/Disengage (Lbs)		
	SMB 14.0	
	OSM 2.0	
Contact Retention		
Axial (Lbs)	6.0	
Radial (In-Oz)	4.0	
Weight (Grams)	TBD	

ENVIRONMENTAL
Temperature Rating -65°C to +125°C
Vibration MIL-STD-202, Method 204, Condition B
Shock MIL-STD-202, Method 213, Condition B
Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

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

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	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
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/32 DEC. ±.005 ANGLES ± 2°

DRAWN BY RUDY DATE 1/21/98

CHECKED BY

APP'D BY 4/14/99

USE ASS'Y PROCEDURE

NO. A.P. N/A

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE "SMC" PLUG TO "OSM" JACK ADAPTER

SIZE	CODE IDENT NO.		REV
B	26805	5082-2240-00	01_0
SCALE 6:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1060272-1
SHEET 1 OF 1 REV A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:
5082-2240-00