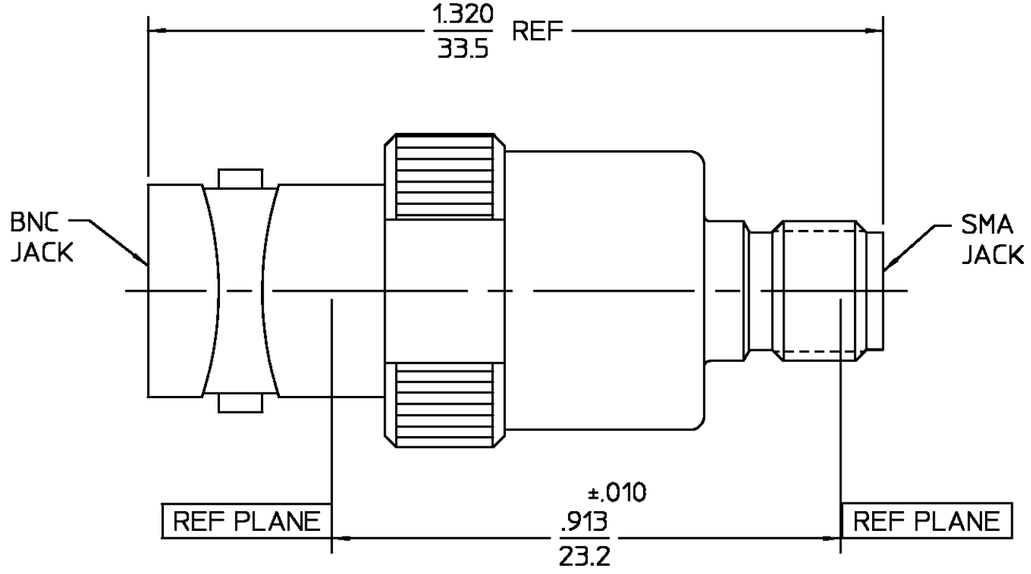
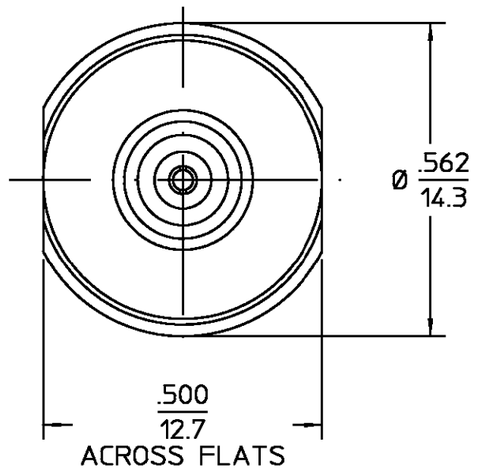
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	12/22/98	S. Morby





ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 4.0
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.30 Max. 0.5 to 4.0 GHz
Insertion Loss (dB MAX)	$0.2\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-55, 2 to 3 GHz
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1,500
Contact Resistance (Milliohms MAX)	
Center Contact	4.1
Outer Contact	2.2
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	5,000

MECHANICAL		
Interface Dimensions MIL-STD-348A		
SMA - 310.2		
BNC - 301.2		
Recommended Mating Torque		
SMA - 7-10 in-Lbs		
BNC - N/A		
Mating Characteristics:	SMA	BNC
Insertion (Lbs)	3.0	2.0
Withdrawal (Oz)	1.0	1.0
Force to Engage/Disengage		
Longitudinal (Lbs)	N/A	3.0
Torque (in-Lbs)	2.0	2.5
Contact Retention		
Axial (Lbs)	6.0	
Radial (In-Oz)	N/A	
Weight (Grams)	TBD	

ENVIRONMENTAL
Temperature Rating -65°C to 165°C
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B,
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 (BNC)	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
HOUSING (SMA)	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°

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DRAWN BY S. Morby DATE 12/22/98
CHECKED BY
APP'D BY S. Morby 12/22/98

USE ASS'Y PROCEDURE

NO. A.P. N/A

AMP

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE BNC JACK TO OSM JACK BETWEEN SERIESADAPTER

SIZE	CODE IDENT NO.		REV
B	26805	3280-2240-00	01 0
SCALE 4:1	N/A	SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1058058-1
SHEET 1 OF 1 REV A