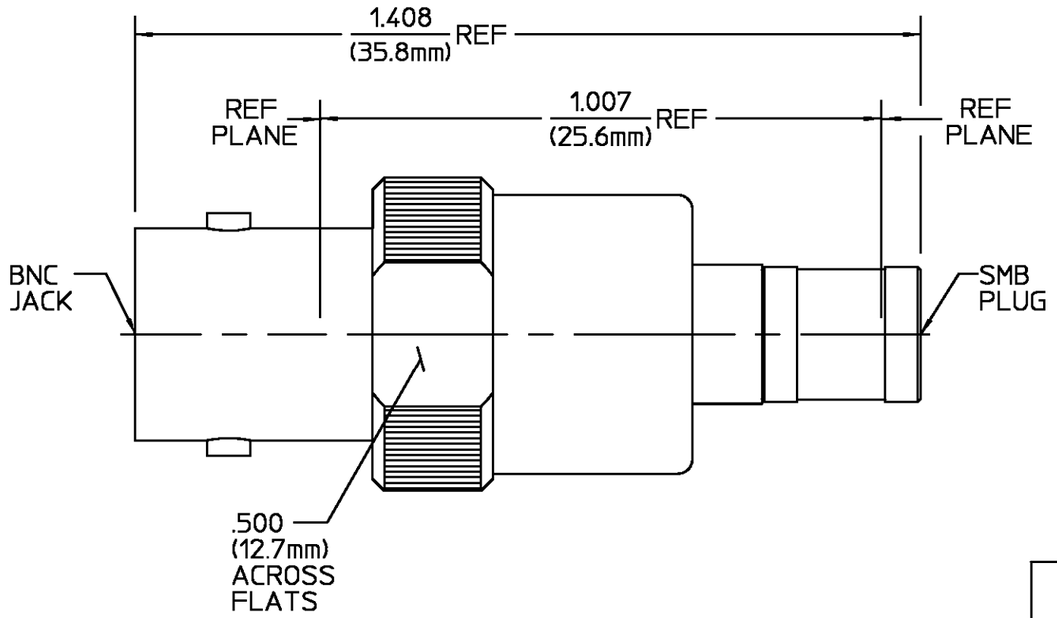

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	10/24/79	FW
A	REV/ECN 19297	11/17/89	B.W.
01_1	REVISED PER ECN 92-0010	08/21/92	10/30/92

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 4
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.15+.01f(GHz)
Insertion Loss (dB MAX)	.125
RF Leakage (dB MIN)	-55
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1000
Contact Resistance (Milliohms MAX)	
Center Contact	6.0
Outer Contact	2.0
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	1000
I.R.(Megohms MIN)	1000

MECHANICAL		
Interface Dimensions		
BNC	MIL-STD-348A Fig. 301.1	
SMB	MIL-STD-348A Fig. 311.2	
Mating Characteristics:		
	BNC	SMB
Insertion (Lbs Max)	2	2.5
Withdrawal (Oz Min)	1	1
Force to Engage/Disengage		
Longitudinal		
Force (Lb Max)	3.0	14
Torque (In-Lb Max)	2.5	N/A
Contact Retention		
Axial (Lbs Min)	6.0	
Radial (In-Oz)	N/A	
Weight (Grams)	16.7	

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

COMPONENT	MATERIAL	FINISH
HOUSING SLEEVE	BRASS PER QQ-B-626 COMP. 360, HALF HARD	NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY RR DATE 10/18/79
CHECKED BY R SMITH 10/24/79
APP'D BY D. GORDEN 11/21/89

AMP

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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE
SMB PLUG TO BNC JACK ADAPTER

SIZE	CODE IDENT NO.		REV
B	26805	3282-2223-00	01_1
SCALE 4:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1058077-1
SHEET 1 OF 1 REV A