



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REV/REDRAWN PER ECN #16890	12/2/86	LASWETT
011	REVISED PER ECN 92-0010	08/21/92	<i>[Signature]</i> 7/26/93

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions BNC MIL-STD-348A Fig. 301.1	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 4	OSM MIL-STD-348A Fig. 310.2	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 335	Recommended Mating Torque 4-6 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.30 Max at 0.5 to 4.0 GHz	Mating Characteristics: BNC OSM	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) 0.2√(GHz)	Insertion (Lbs Max) N/A 3.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -55, 2 to 3 GHz	Withdrawal (Oz Min) N/A 1.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage/Disengage	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Longitudinal Force (Lb Max) 3.0 N/A	
Contact Resistance (Milliohms MAX)	Torque (In-Lb Max) 2.5 2.0	
Center Contact 4.1	Contact Retention	
Outer Contact 2.2	Axial (Lbs Min) 6.0	
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 670	Radial (In-Oz) N/A	
IR (Megohms MIN) 5000	Weight (Grams) TBD	

COMPONENT	MATERIAL	FINISH
HOUSING (OSB)	BRASS PER QQ-B-626 COMP. 360, HALF HARD	NICKEL PLATE PER QQ-N-290
HOUSING (OSM)	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, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± *	DRAWN BY S. ALLERDICE 11/24/86	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY LASWETT 12/2/86	
APPROVED BY B. CLEVELAND 1/16/87	TITLE OSB PLUG TO OSM JACK ADAPTER	
USE ASSY PROCEDURE	SIZE B	CODE IDENT NO. 3282-2240-00
NO. AP. N/A	SCALE 4:1	REV 011
		SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1058081-1
SHEET 1 OF 1 REV A