



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>M.M.</i> <i>R.C.</i> 7/26/93

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

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	DRAWN BY	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	FRAC.	DEC.	
± 1/64	±.005	± °	
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	APPD BY	DATE	
USE ASS'Y PROCEDURE	LASWETT	12/2/86	
NO. AP. <u>N/A</u>	B. CLEVELAND	1/16/87	
TITLE			REV
OSB PLUG TO OSM JACK ADAPTER			011
SIZE	CODE IDENT NO.	3282-2240-00	
B	26805		
SCALE	4:1		SHEET 1 OF 1