



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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 4	BNC MIL-STD-348A Fig. 301.1	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	OSM MIL-STD-348A Fig. 310.2	Shock MIL-STD-202, Method 213, Condition I
Sea Level 335	Recommended Mating Torque	Thermal Shock MIL-STD-202, Method 107, Condition B.
VSWR 1.30 Max at 0.5 to 4.0 GHz	4-6 In-Lbs	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) 0.2√(GHz)	Mating Characteristics:	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -55, 2 to 3 GHz	BNC OSM	
Corona, 70,000 Ft (VRMS MIN) 250	Insertion (Lbs Max) N/A 3.0	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Withdrawal (Oz Min) N/A 1.0	
Contact Resistance (Milliohms MAX)	Force to Engage/Disengage	
Center Contact 4.1	Longitudinal	
Outer Contact 2.2	Force (Lb Max) 3.0 N/A	
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 670	Torque (In-Lb Max) 2.5 2.0	
IR (Megohms MIN) 5000	Contact Retention	
	Axial (Lbs Min) 6.0	
	Radial (In-Oz) N/A	
	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	DRAWN BY	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	S. ALLERDICE	11/24/86	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± *	CHECKED BY	LASWETT	12/2/86
	APPROVED BY	B. CLEVELAND	1/16/87
These drawings and specifications are the property of Osm Spectra Incorporated and shall not be reproduced or copied or used in whole or in part on the basis of the manufacture or sale of item(s) without written permission.	USE ASSY PROCEDURE	TITLE	
	NO. AP. N/A	OSB PLUG TO OSM JACK ADAPTER	
	SIZE	CODE IDENT NO.	REV
	B	26805	3282-2240-00 011
	SCALE	4:1	SHEET 1 OF 1

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