


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₂	REVISED	08/04/94	<i>AD</i>

HOUSING (OSB)	BRASS PER ASTM-B-16 HALF HARD	NICKEL PLATE PER QQ-N-290
HOUSING (OSM) COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL									
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions BNC <u>MIL-STD-348A Fig. 301.2</u>	Temperature Rating <u>-65°C to +125°C</u>									
Frequency Range (GHz) <u>DC to 4</u>	OSM <u>MIL-STD-348A Fig. 310.1</u>	Vibration <u>MIL-STD-202, Method 204, Condition D</u>									
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Recommended Mating Torque <u>4-6 In-Lbs</u>	Shock <u>MIL-STD-202, Method 213, Condition I</u>									
VSWR <u>1.30 Max at 0.5 to 4.0 GHz</u>	Mating Characteristics:	Thermal Shock <u>MIL-STD-202, Method 107, Condition C,</u>									
Insertion Loss (dB MAX) <u>0.2√f(GHz)</u>		Moisture Resistance <u>MIL-STD-202, Method 106</u>									
RF Leakage (dB MIN) <u>-55, 2 to 3 GHz</u>	<table border="1"> <tr> <td></td> <td>BNC</td> <td>OSM</td> </tr> <tr> <td>Insertion (Lbs Max)</td> <td><u>2.0</u></td> <td><u>N/A</u></td> </tr> <tr> <td>Withdrawal (Oz Min)</td> <td><u>2.0</u></td> <td><u>N/A</u></td> </tr> </table>		BNC	OSM	Insertion (Lbs Max)	<u>2.0</u>	<u>N/A</u>	Withdrawal (Oz Min)	<u>2.0</u>	<u>N/A</u>	Corrosion - <u>MIL-STD-202, Method 101, Condition B, 5% salt spray</u>
	BNC	OSM									
Insertion (Lbs Max)	<u>2.0</u>	<u>N/A</u>									
Withdrawal (Oz Min)	<u>2.0</u>	<u>N/A</u>									
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage/Disengage Longitudinal										
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Force (Lb Max) <u>3.0</u> <u>N/A</u>										
Contact Resistance (Milliohms MAX)	Torque (In-Lb Max) <u>2.5</u> <u>2.0</u>										
Center Contact <u>4.1</u>	Contact Retention										
Outer Contact <u>2.2</u>	Axial (Lbs Min) <u>6.0</u>										
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Radial (In-Oz) <u>N/A</u>										
I.R.(Megohms MIN) <u>5000</u>	Weight (Grams) <u>TBD</u>										

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY	DATE		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	FRAC. DEC. ANGLES	CHECKED BY		
± 1/64 ±.005 ± °	KWW	6-9-77	AMP	TITLE BNC JACK TO OSM PLUG ADAPTER
	APPD BY	6/9/77	NO. AP. <u>N/A</u>	
These drawings and specifications are the property of M/A-COM Interconnect Division and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.	USE ASS'Y PROCEDURE		SIZE B	CODE IDENT NO. 26805
			SCALE 4:1	3282-2241-00
				REV 01₂
				SHEET 1 OF 1