



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

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

COMPONENT	MATERIAL	FINISH
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY DATE DRW 6/16/67	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY DATE KHW 6-9-77	
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 on the basis for the manufacture or sale of items without written permission.	APPROVED BY DATE RMF 6/9/77	
USE ASSY PROCEDURE	TITLE BNC JACK TO OSM PLUG ADAPTER	
NO. AP. N/A	SIZE CODE IDENT NO. B 26805	REV 01 <sub>2</sub>
	SCALE 4:1	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1058083-1  
SHEET 1 OF 1 REV A