



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
05 <sub>1</sub>	REVISED	PATLAN 11-18-98	3/31/99

BNC HOUSING	BRASS PER ASTM-B-16, HALF HARD	NICKEL PLATE PER QQ-N-290
OSM HOUSING COUPLING NUT	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 CONTACT EXT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, 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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) <u>DC to 4</u>	BNC <u>MIL-STD-348A Fig. 3012</u>	Vibration <u>MIL-STD-202, Method 204, Condition D</u>
Volt Rating (VRMS MAX)	OSM <u>MIL-STD-348A Fig. 310.1</u>	Shock <u>MIL-STD-202, Method 213, Condition I</u>
<u>0</u> Sea Level <u>335</u>	Recommended Mating Torque	Thermal Shock <u>MIL-STD-202, Method 107, Condition C, Except High Temp</u>
VSWR <u>1.30 Max at 0.5 to 4.0 GHz</u>	<u>7-10 In-Lbs</u>	Moisture Resistance <u>MIL-STD-202, Method 106 Shall Be Omitted</u>
Insertion Loss (dB MAX) <u>0.2√f(GHz)</u>	Mating Characteristics:	Corrosion - <u>MIL-STD-202, Method 101, Condition B, 5% salt spray</u>
RF Leakage (dB MIN) <u>-55, 2 to 3 GHz</u>		
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Insertion (Lbs Max) <u>2.0</u> <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>0</u> Sea Level <u>1500</u>	Withdrawal (Oz Min) <u>2.0</u> <u>N/A</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 <u>0</u> Sea Level (VRMS MIN <u>0</u> 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
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
FRAC. <u>± 1/64</u>	DEC. <u>±.005</u>	ANGLES <u>± 1°</u>
DRAWN BY <u>SWA</u> DATE <u>6/17/85</u>		 <b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
CHECKED BY <u>FN</u> DATE <u>6/18/85</u>		
APPD BY <u>DA</u> DATE <u>6/18/85</u>		
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USE ASSY PROCEDURE	TITLE <u>OSM PLUG TO BNC JACK ADAPTER</u>	
NO. A.P. <u>N/A</u>	SIZE <u>B</u>	CODE IDENT NO. <u>2082-2320-00</u>
	SCALE <u>3:1</u>	REV <u>05<sub>1</sub></u>
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