



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
05 ₁	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 BNC MIL-STD-348A Fig. 301.2	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) <u>DC to 4</u>	OSM MIL-STD-348A Fig. 310.1	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Recommended Mating Torque <u>7-10 In-Lbs</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.30 Max at 0.5 to 4.0 GHz</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition C, Except High Temp
Insertion Loss (dB MAX) <u>0.2√f(GHz)</u>		Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
RF Leakage (dB MIN) <u>-55, 2 to 3 GHz</u>		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>		
Contact Resistance (Milliohms MAX)		
Center Contact <u>4.1</u>		
Outer Contact <u>2.2</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°
DRAWN BY SWA DATE 6/17/85		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
CHECKED BY FN DATE 6/18/85		
APPD BY DA DATE 6/18/85		
TITLE OSM PLUG TO BNC JACK ADAPTER		
USE ASSY PROCEDURE		
NO. A.P. <u>N/A</u>		
SIZE B	CODE IDENT NO. 26805	REV 05 ₁
SCALE 3:1	SHEET 1 OF 1	

.XXX = in
XX.X = mm (REF)