



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	03/29/95	<i>AD</i>

**COPY IN PUERTO RICO
DESIGN CONTROL REQUIRED**

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) 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) Sea Level 335	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	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Longitudinal Force (Lb Max) 3.0 N/A	
Contact Resistance (Milliohms MAX)	Torque (In-Lb Max) 2.5 2.0	
Center Contact 4.1	Contact Retention	
Outer Contact 2.2	Axial (Lbs Min) 6.0	
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 670	Radial (In-Oz) N/A	
IR (Megohms MIN) 5000	Weight (Grams) TBD	
		.XXX = in XX.X = mm

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DATE 03/29/95	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DESIGNED BY <i>AD</i>	
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USE ASSY PROCEDURE	NO. AP. N/A	TITLE BNC JACK TO OSM PLUG ADAPTER
	SIZE B	CODE IDENT NO. 1250-1200-00
	SCALE 4:1	REV 01 ₀

AMP PART # 1046243-1
SHEET 1 OF 1 REV A