


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A1	REVISED PER ECO-11-005294	13APR11	HMR

**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

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>4-6 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,
Insertion Loss (dB MAX) <u>0.2√f(GHz)</u>		Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-55, 2 to 3 GHz</u>	BNC OSM	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
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) @ 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 @ Sea Level (VRMS MIN @ 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 TOLERANCE ON	DRAWN BY <i>J. Davis</i> DATE 03/29/95	 TE Connectivity
FRAC. DEC. ANGLES	CHECKED BY	
± 1/64 ±.005 ± °	APPROVED BY <i>J. Davis</i> 03/29/95	
	USE ASS'Y PROCEDURE	TITLE BNC JACK TO OSM PLUG ADAPTER
	NO. AP. <u>N/A</u>	SIZE B CODE IDENT NO. 1046243-1 REV A1
		SCALE 4:1 SHEET 1 OF 1