



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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 4	BNC MIL-STD-348A Fig. 3012	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335 Sea Level	OSM MIL-STD-348A Fig. 3101	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.30 Max at 0.5 to 4.0 GHz	Recommended Mating Torque 7-10 In-Lbs	Thermal Shock MIL-STD-202, Method 107, Condition C, Except High Temp
Insertion Loss (dB MAX) 0.2 √f(GHz)	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
RF Leakage (dB MIN) -55, 2 to 3 GHz	BNC OSM	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Insertion (Lbs Max) 2.0 N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1500	Withdrawal (Oz Min) 2.0 N/A	
Contact Resistance (Milliohms MAX)	Force to Engage/Disengage	
Center Contact 4.1	Longitudinal	
Outer Contact 2.2	Force (Lb Max) 3.0 N/A	
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 670	Torque (In-Lb Max) 2.5 2.0	
I.R.(Megohms MIN) 5000	Contact Retention	
	Axial (Lbs Min) 6.0	
	Radial (In-Oz) N/A	
	Weight (Grams) TBD	

COMPONENT	MATERIAL	FINISH
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY SMA	DATE 6/17/85	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64	DEC. ± .005	CHECKED BY FN	DATE 6/18/85	
ANGLES ± °		APPD BY DA	DATE 6/18/85	
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SIZE B	CODE IDENT NO. 26805	SCALE 3:1	REV 05 <sub>1</sub>	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1053786-1  
SHEET 1 OF 1 REV A