



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 <sub>1</sub>	REVISED	06/09/94	<i>JD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. TNC 313.3 OSM:310.2	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 11	Recommended Mating Torque TNC Only: 15 in-lbs	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) 3.0 Withdrawal (MIN Oz) 1.0	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.15 ± .015 fGHz	Force to Engage and Disengage (in-Lbs MAX) 2.0	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) .06 √fGHz	Center Contact Captivation Axial (Lbs) 6.0 Radial (in-Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -60 @ 2-3GHz	Cable Retention Axial Force (Lbs) N/A Torque (in-Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Weight (Grams) TBD	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1,000		
Contact Resistance (Milliohms MAX) Center Contact 4.5 Outer Contact 2.2		
Cable to Housing N/A		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000		
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING 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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY SWA	DATE 6/25/85	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY AH	6/26/85	
	APP'D BY DR	7/2/85	
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NO. AP. N/A		SIZE B	CODE IDENT NO. 26805
		SCALE 8 : 1	3182-2240-00
			REV 03 <sub>1</sub>
			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057853-1  
SHEET 1 OF 1 REV A