



DESIGNED FOR USE WITH .250 DIA S.R. MP CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.076
HOUSING	.253
CLAMP NUT	.255

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	DAC 6/15/99	<i>DC</i> 6/16/99

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
BUSHING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET 'O' RING	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A Fig. <u>310.1</u>	Temperature Rating <u>-65°C to 105°C</u>
Frequency Range (GHz) <u>DC to 18.0</u>	Recommended Mating Torque <u>7 to 10 in-LBs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 + .007f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Except High Temp <u>115°C</u>
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0 MIN</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Cable Retention Axial Force (Lbs) <u>90 MIN</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Torque (In-Oz) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Weight (Grams) <u>T.B.D.</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
I.R.(Megohms MIN) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <i>BB</i> DATE <u>9/23/91</u>	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY <i>MMA</i> DATE <u>5/8/92</u>		
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			2001-7752-02 REV <u>01₁</u> SCALE <u>5:1</u> SHEET 1 OF 1

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