



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	11/5/96	<i>RAC</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>12.4</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>170</u>
VSWR <u>1.20 + 0.025f</u> (GHz)
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>
RF Leakage (dB MIN) <u>-60</u>
Corona, 70,000 Ft (VRMS MIN) <u>125</u>
Dielectric Withstanding Voltage
(VRMS MIN) @ Sea Level <u>500</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>3.0</u>
Outer Contact <u>2.0</u>
Cable to Housing <u>0.5</u>
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) <u>335</u>
IR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. <u>310-2</u>
Recommended Mating
Torque <u>7-10 IN-LBS</u>
Mating Characteristics:
Insertion (MAX Lbs) <u>3</u>
Withdrawal (MIN Oz) <u>1</u>
Force to Engage and
Disengage (In-Lbs MAX) <u>2</u>
Center Contact Captivation
Axial (Lbs) <u>6</u>
Radial (In-Oz) <u>N/A</u>
Cable Retention
Axial Force (Lbs) <u>10</u>
Torque (In-Oz) <u>N/A</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65 TO +165°C</u>
Vibration MIL-STD-202, Method <u>204, Condition D</u>
Shock MIL-STD-202, Method 213, <u>Condition I</u>
Thermal Shock MIL-STD-202, <u>Method 107, Condition B,</u> <u>Except High Temp +85°C</u>
Moisture Resistance MIL-STD-202, <u>Method 106</u>
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>
<u>.XXX = in</u>
<u>XX.X = mm (REF)</u>

COMPONENT	MATERIAL	FINISH
HOUSING INNER SLEEVE CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>K.LE</u>	DATE <u>9-16-96</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY	APPD BY <i>RAC</i>	
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	
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	NO. A.P. <u>20-523</u>	SIZE B	CODE IDENT NO. 26805
		SCALE 5:1	REV 01₀
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