


DESIGNED FOR USE WITH .141 (RG-402) S/R CABLE	REVISIONS			
CABLE ENTRY DIAMETER MINIMUM	REV	DESCRIPTION	DATE	APPROVED
CONTACT HOUSING	03 <sub>0</sub>	REVISED	01/25/95	<i>AD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.1	Temperature Rating <u>-65°C To 125°C</u>
Frequency Range (GHz) DC to <u>12</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Torque <u>7-10</u> Inch-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 + .010</u> f GHz	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.05</u> √fGHz	Insertion (MAX Lbs) <u>N/A</u>	Except High Temp <u>115°C</u>
RF Leakage (dB MIN) <u>-60</u> @ 2 To 3 GHz	Withdrawal (MIN Oz) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Shall Be Omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>3.0</u>	Radial (In/Oz) <u>4.0</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>60</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>	Torque (In/Oz) <u>55</u>	
I.R.(Megohms MIN) <u>5.000</u>	Weight (Grams) <u>3.9</u>	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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 OVER
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 <u>BWC</u> <u>6/5/67</u>	DATE	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY <u>EJD</u> <u>7/7/67</u>		
	APPD BY <u>D. NANIA</u> <u>7/8/67</u>		
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	408-04831 NO. A.P. (20-016)	SIZE	B
		CODE IDENT NO.	26805
		2007-7941-00	REV 03 <sub>0</sub>
		SCALE	5:1
		SHEET 1 OF 1	

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