



DESIGNED FOR USE WITH	RG-402(141 SR)
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.143
CONTACT SLOT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	5/5/97	<i>RAC</i>

COMPONENT	MATERIAL	FINISH
CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT HOUSING HOUSING ADAPTER	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
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	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 TO +165°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating Torque <u>7-10 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>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 + .01 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Insertion Loss (dB MAX) <u>.05 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-90</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Cable Retention Axial Force (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>		
IR.(Megohms MIN) <u>5,000</u>		

.XXX = in
XX.X = mm (REF)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY K.LE DATE 4-14-97		CHECKED BY		AMP Incorporated	
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	APPD BY <i>RAC</i>	DATE 5/5/97	140 Fourth Avenue Waltham, MA 02451-7599		
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NO. A.P. 408-04916 (20-548)		SIZE B	CODE IDENT NO. 26805	2007-8004-92		REV 01 ₀	
SCALE 6:1					SHEET 1 OF 1		