



DESIGNED FOR USE WITH	RG-.405/U
CABLE ENTRY DIAMETER	MINIMUM
HOUSING	.161
SLEEVE	.087
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>2</sub>	REDRAWN IN CAD PER ECN 98-0001	PATLAN 4-17-98	<i>[Signature]</i> 4/22/1998

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310-2	Temperature Rating <u>-65 TO 165°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque <u>7-10 IN-LBS</u>	Shock MIL-STD-202, Method 213, Condition I
⊙ Sea Level <u>335</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
VSWR <u>1.07 ± 0.01 F(GHz)</u>	Insertion (MAX Lbs) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Withdrawal (MIN Oz) <u>1</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) <u>-90</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) ⊙ Sea Level <u>1,000</u>	Axial (Lbs) <u>6</u>	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) <u>N/A</u>	
Center Contact <u>3.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>30</u>	
Cable to Housing <u>0.5</u>	Torque (In-Oz) <u>16</u>	
RF High Potential ⊙ Sea Level	Weight (Grams) <u>TBD</u>	
(VRMS MIN ⊙ 5 MHz) <u>670</u>		
LR.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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
SLEEVE	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY	DATE		<b>M/A-COM</b> <i>a Division of AMP Incorporated</i> 140 Fourth Avenue Waltham, MA 02154-7577
	BSS	7-03-86		
FRAC. DEC. ANGLES	CHECKED BY	DATE		
± 1/64 ±.005 ± 1°	MM	7-11-86		
	APP'D BY	DATE		
	LB	8-04-86		
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	NO. AP. 408-04841 (20-559)	SIZE B	CODE IDENT NO. 26805	2004-8007-92
	SCALE 4:1		REV 01 <sub>2</sub>	SHEET 1 OF 1