



DESIGNED FOR USE WITH RG405/U (.085 DIA)	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.0875
CTR CONT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
012	REVISED PER ECN 96-0048	6/25/96	<i>[Signature]</i>

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A-582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER QQ-C-530, ALLOY 173	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER QQ-C-530	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. 319-1	Temperature Rating <u>-65°C TO +165°C</u>
Frequency Range (GHz) DC to <u>26GHz</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Torque <u>5</u> in lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 ± .01</u> GHz	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp <u>+85°C</u>
Insertion Loss (dB MAX) <u>.04</u> GHz	Insertion (MAX Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-90</u>	Withdrawal (MIN Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>N/A</u>	
Center Contact <u>4.0</u>	Radial (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>30</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>	Torque (In-Oz) <u>16</u>	
LR (Megohms MIN) <u>5000</u>	Weight (Grams) <u>N/A</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY <u>KC MAHER</u> DATE <u>12/19/88</u>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°	CHECKED BY <u>C. WARD</u> DATE <u>12/19/88</u>	AMP TITLE OSSM STRAIGHT CABLE PLUG-DIRECT SODER ATTACHMENT	
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				<u>1001-5045-92</u>	REV <u>012</u>
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