



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₂	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 KC MAHER 12/19/88		DATE 12/19/88	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1°		CHECKED BY C. WARD 12/19/88		DATE 12/19/88	
These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.		APPD BY MCD 12/19/88		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
USE ASS'Y PROCEDURE		TITLE OSSM STRAIGHT CABLE PLUG-DIRECT SODER ATTACHMENT			
NO. AP. 10-052 408-04622		SIZE B	CODE IDENT NO. 26805	1001-5045-92	REV 01 ₂
SCALE 8/1		SHEET 1 OF 1			