



NOTES:
1. CAPTURED CENTER CONTACT

DESIGNED FOR USE WITH RG174, RG316	REV	DESCRIPTION	DATE	APPROVED
CABLE ENTRY DIAMETER MINIMUM	020	REVISED	Janczar 5/30/97	<i>PW</i> 5/30/97
SLEEVE	067			
CONTACT	023			

REVISIONS

HOUSING CLAMP NUT	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-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
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
SLEEVE	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: L ROSS CHECKED BY: K.C. MAHER APP'D BY: LB DATE: 3-15-89 3/16/89 4/5/89	 M/A-COM, Inc. Waltham, MA 02254
GEN. TOL. ±.005 ANGLES ± 1° 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 ITEMS WITHOUT WRITTEN PERMISSION.	USE ASS'Y PROCEDURE NO. AP-10-055	TITLE: OSSM STRAIGHT CABLE PLUG- CRIMP ATTACHMENT SIZE: B CODE IDENT NO.: 26805 SCALE: 4:1 REV: 020 SHEET 1 OF 1

ELECTRICAL Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to 12.4 Volt Rating (VRMS MAX) @ Sea Level 250 VSWR 1.07 ±0.05 (1GHz) Insertion Loss (dB MAX) .04 √(MHz) RF Leakage (dB MIN) -60 @ 2-3 GHz Corona, 70,000 Ft (VRMS MIN) 190 Dielectric Withstanding Voltage (VRMS MIN @ Sea Level) 750 Contact Resistance (Milliohms MAX) Center Contact 20 Outer Contact 20 Cable to Housing 0.5 RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500 I.R. (Megohms MIN) 5,000	MECHANICAL Interface Dimensions MIL-STD-378A, Fig 319.1 Recommended Mating Torque 5 in-lbs Mating Characteristics Insertion (MAX Lbs) N/A Withdrawal (MIN Oz) N/A Force to Engage and Disengage (In-Lbs MAX) 20 Center Contact Captivation Axial (Lbs) 40 MIN Radial (In-Oz) N/A Cable Retention Axial Force (Lbs MIN) 20.0 Torque (In-Oz) N/A Weight (Grams) TBD	ENVIRONMENTAL Temperature Rating -55°C to +105°C Vibration MIL-STD-202, Method 204, Condition D. Shock MIL-STD-202, Method 213, Condition I. Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +105°C Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray .XXX = in XX.X = mm (REF)
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