

		DESIGNED FOR USE WITH RG-58, 303/U		REVISIONS		DATE 11/6/96	APPROVED <i>[Signature]</i>
		CABLE ENTRY DIAMETER MINIMUM		REV 01	DESCRIPTION RELEASED		
		HOUSING 121					
		DIELECTRIC 052					
		CONTACT 041					

ELECTRICAL Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to 12.4 Volt Rating (VRMS MAX) • Sea Level 335 VSWR 1.15 + 0.01(GHz) Insertion Loss (dB MAX) .06 $\sqrt{\text{GHz}}$ RF Leakage (dB MIN) -60 Corona, 70,000 Ft (VRMS MIN) 250 Dielectric Withstanding Voltage (VRMS MIN) • Sea Level 1,000 Contact Resistance (Milliohms MAX) Center Contact 3.0 Outer Contact 2.0 Cable to Housing .05 RF High Potential • Sea Level (VRMS MIN • 5 MHz) 670 I.R.(Megohms MIN) 5,000	MECHANICAL Interface Dimensions MIL-STD-348A, Fig. 310-1 Recommended Mating Torque 7-10 IN-LBS Mating Characteristics: Insertion (MAX Lbs) N/A Withdrawal (MIN Oz) N/A Force to Engage and Disengage (In-Lbs MAX) 2 Center Contact Cavitation Axial (Lbs) 6 Radial (In-Oz) N/A Cable Retention Axial Force (Lbs) 40 Torque (In-Oz) N/A Weight (Grams) TBD	ENVIRONMENTAL Temperature Rating -55 TO +165°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 +85°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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COMPONENT HOUSING COUPLING NUT DIELECTRIC CENTER CONTACT RETAINING RING GASKET FERRULE	MATERIAL STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 TFE FLUOROCARBON PER ASTM-D-1457 BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H SILICONE RUBBER PER ZZ-R-765 COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	FINISH PASSIVATE PER QQ-P-35 N/A GOLD PLATE PER MIL-G-45204 N/A N/A GOLD PLATE PER MIL-G-45204
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY K. LE 9-13-96			M/A-COM, Inc. Waltham, MA 02254								
CHECKED BY		11/6/96			TITLE "OSM" STRAIGHT CABLE PLUG-CRIMP ATTACHMENT								
APPD BY		NO. AP-20-514											
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 a (1) item(s) without written permission.		USE ASSY PROCEDURE		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">SIZE B</td> <td style="width: 30%;">CODE IDENT NO. 26805</td> <td style="width: 30%;">2031-8129-92</td> <td style="width: 10%;">REV 01</td> </tr> <tr> <td colspan="2">SCALE 5:1</td> <td colspan="2">SHEET 1 OF 1</td> </tr> </table>		SIZE B	CODE IDENT NO. 26805	2031-8129-92	REV 01	SCALE 5:1		SHEET 1 OF 1	
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SCALE 5:1		SHEET 1 OF 1											

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