


DESIGNED FOR USE WITH RG196/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.101
SLEEVE	.037
DIELECTRIC	.021
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 2	REDRAWN IN CAD ECN 94-0474	6/9/95	<i>[Signature]</i> 6/9/95

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
DIELECTRIC	NYLON OF ZYTEL #101 PER MIL-M-20693A, TYPE 1	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
*O" - RING	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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>12</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>170</u>	Torque <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.20 ±.025</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Except High Temp +85°C.
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>125</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>3.0</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 MIN) <u>10</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>335</u>	Torque (In-Oz) <u>N/A</u>	
LR.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <u>CS 10/20/77</u>	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599					
	CHECKED BY <u>KWW 10/20/77</u>						
These drawings and specifications are the property of Omni Spectra Incorporated 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.	APPD BY <u>RMF 10/20/77</u>	TITLE <u>OSM STRAIGHT CABLE JACK CRIMP ATTACHMENT</u>					
	USE ASS'Y PROCEDURE	NO. AP. <u>408-04806 (20-059)</u>	<table border="1"> <tr> <td>SIZE B</td> <td>CODE IDENT NO. 26805</td> <td>2032-5026-00</td> <td>REV 01 2</td> </tr> </table>	SIZE B	CODE IDENT NO. 26805	2032-5026-00	REV 01 2
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	SCALE <u>3 : 1</u>	SHEET 1 OF 1					