



DESIGN FOR USE WITH	
RG. 141/U CABLE	
CABLE ENTRY DIAMETER	MINIMUM
HOUSING	.120
CONTACT	.040
FERRULE	.216

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
013	REDRAWN ON CAD ECN 94-0474	7/20/95	PRB

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C To + 165°C
Frequency Range (GHz) 0.5 To 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque 7-10 in/LBs	Shock MIL-STD-202, Method 213, Condition I
Sea Level 500	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR 1.25 MAX	Insertion (MAX Lbs) 3	Except High Temp +85°C
Insertion Loss (dB MAX) .06√f(GHz)	Withdrawal (MIN Oz) 1	Moisture Resistance MIL-STD-202, Method 106,
RF Leakage (dB MIN) -(60-fGHz)	Force to Engage and Disengage (In-Lbs MAX) 2	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs) 40	
Center Contact 3.0	Torque (In-Oz) N/A	
Outer Contact 5.0 *	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5,000		
* For Passivated Housings Only		

HOUSING	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			
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204			
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			
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON</div> <div>FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°</div> <div>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 item(s) without written permission.</div>			<div>DRAWN BY BWC DATE 7/7/68</div> <div>CHECKED BY PRB 7/13/68</div> <div>APPROVED BY D.NANIA 7/13/68</div> <div>AMP</div> <div>AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599</div>		
<div>USE ASS'Y PROCEDURE</div> <div>408-04820 (20-041)</div> <div>NO. A.P. _____</div>			<div>TITLE</div> <div>OSM STRAIGHT CABLE JACK SOLDER ATTACHMENT</div> <div><div>SIZE B</div><div>CODE IDENT NO. 26805</div><div>2032-5002-00</div><div>REV 01<sub>3</sub></div></div> <div><div>SCALE 5:1</div><div>SHEET 1 OF 1</div></div>		

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2032-5002-00](#)