



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY JPD	DATE 9/7/76		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
	CHECKED BY ECA	11/16/76				
	APPD BY RNF	11/23/76				
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.	USE ASS'Y PROCEDURE			AMP		
	408-04761 NO. A.P. (20-001)					
	TITLE			OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT		
	SIZE B		CODE IDENT NO. 26805		2001-5031-02	
SCALE 5:1				SHEET 1 OF 1		

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A,	Temperature Rating <u>-65°C to 105°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Fig. <u>310.3</u>	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	<u>204, Condition D</u>
<u>0</u> Sea Level <u>335</u>	Torque <u>7 to 10 in-LBs</u>	Shock MIL-STD-202, Method 213,
VSWR <u>1.02 + .005f(GHz)</u>	Mating Characteristics:	<u>Condition I</u>
Insertion Loss (dB MAX) <u>.03 $\sqrt{f}$(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) <u>-(90-f(GHz))</u>	Withdrawal (MIN Oz) <u>N/A</u>	<u>Method 107, Condition B,</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and	<u>Except High Temp 115°C</u>
Dielectric Withstanding Voltage	Disengage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202,
(VRMS MIN) <u>0</u> Sea Level <u>N/A</u>	Center Contact Captivation	<u>Method 106, No Measurement At</u>
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>N/A</u>	<u>High Humidity</u>
Center Contact <u>N/A</u>	Radial (In/Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method
Outer Contact <u>2.0</u>	Cable Retention	<u>101, Condition B, 5% salt spray</u>
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>60 MIN</u>	
RF High Potential <u>0</u> Sea Level	Torque (In/Oz) <u>55</u>	
(VRMS MIN <u>0</u> 5 MHz) <u>670</u>	Weight (Grams) <u>T.B.D.</u>	
I.R.(Megohms MIN) <u>10,000</u>		

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2001-5031-02](#)