



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	T.W. 10/22/96	DCM 10/23/96

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY M. CATIZONE	DATE 3/31/88	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599			
	CHECKED BY K. C. MAHER	4/1/88				
	APP'D BY F. P. Y.	4/6/88				
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 ASSY PROCEDURE 408-04762 NO. A.P. (20-004)		TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT			
			SIZE B	CODE IDENT NO. 26805	2001-5506-94	REV 01 ₁
			SCALE 5:1		SHEET 1 OF 1	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50 ±3</u>	Interface Dimensions MIL-STD-348A	Temperature Rating -55°C to +175°C
Frequency Range (GHz) DC to <u>18.0</u>	Fig. <u>310.1</u>	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition B
⊗ Sea Level <u>335</u>	Torque <u>7 to 10 In-LBs</u>	Shock MIL-STD-202, Method 213,
VSWR <u>1.10 Max at 6(GHz)</u>	Mating Characteristics:	Condition C
Insertion Loss (dB MAX) <u>.10 at 6(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) <u>-90 at 6-8(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and	Moisture Resistance MIL-STD-202,
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) <u>2.0</u>	Method 106
(VRMS MIN) ⊗ Sea Level <u>1000</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>N/A</u>	101, Condition B, 5% salt spray
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) <u>30</u>	
RF High Potential ⊗ Sea Level	Torque (In-Oz) <u>16</u>	
(VRMS MIN ⊗ 5 MHz) <u>670</u>	Weight (Grams) <u>T.B.D.</u>	
I.R.(Megohms MIN) <u>5,000</u>		
		<u>.XXX = in</u>
		<u>XX.X = mm (REF)</u>

AMP PART # 1080761-1
SHEET 1 OF 1 REV A