



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₃	SEE ECN 80-0084	PC 1-29-80	TS 1/29/80
01 ₄	REDRAWN ON CAD PER ECN 88-0678	BB 9-3-91	<i>BB</i> 7/23/93

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY JPD	DATE 8/31/76	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
	CHECKED BY RNF	9/7/76			
	APPD BY RNF	9/13/76	AMP		
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		TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT		
	408-04764 NO. A.P. (20-006)		SIZE B	CODE IDENT NO. 26805	REV 01 4
			SCALE 5:1	SHEET 1 OF 1	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348,	Temperature Rating <u>-65°C to 105°C</u>
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	<u>204, Condition D</u>
⊗ Sea Level <u>500</u>	Torque <u>7 to 10 in-LBs</u>	Shock MIL-STD-202, Method 213,
VSWR <u>1.05 + .008f(GHz)</u>	Mating Characteristics:	<u>Condition I</u>
Insertion Loss (dB MAX) <u>.03 √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>375</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) ⊗ Sea Level <u>1000</u>	Center Contact Captivation	<u>Method 106,</u>
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>N/A</u>	Corrosion - MIL-STD-202, Method
Center Contact <u>3.0</u>	Radial (In/Oz) <u>N/A</u>	<u>101, Condition B, 5% salt spray</u>
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>60</u>	
RF High Potential ⊗ Sea Level	Torque (In/Oz) <u>55</u>	
(VRMS MIN ⊗ 5 MHz) <u>1000</u>	Weight (Grams) <u>T.B.D.</u>	
I.R.(Megohms MIN) <u>5,000</u>		

AMP PART # 1050525-1
SHEET 1 OF 1 REV A