



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REDRAWN	12-15-88	DAC
01 ₁	REDRAWN IN CAD	BB 5-23-90	M.Y.
01 ₂	VSWR: N/A WAS 335. RF LEAKAGE: 90 WAS 012. CONT. RESIS., CTR & OUTER 4.0 WAS 2.0. FORCE TO ENGAGE: 2 WAS 7, ECN 90-0701	CKM 10-30-90	KCM

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50 ±1</u>	Interface Dimensions <u>See Catalogue</u>	Temperature Rating <u>-55° to +125°C</u>
Frequency Range (GHz) DC to <u>50</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D, 20Gs
Volt Rating (VRMS MAX) @ Sea Level <u>N/A</u>	Insertion (MAX Lbs) <u>2</u>	Shock MIL-STD-202, Method 213, Condition I, 100Gs
VSWR DC to 18 GHz : <u>1.11MAX</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
<u>18 to 26.5 GHz : 1.13MAX</u>	Force to Engage (In/Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
<u>26.5 to 50 GHz : 1.29MAX</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Insertion Loss (dB MAX) <u>.07x√f(GHZ)</u>	Axial (Lbs) <u>4</u>	
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHZ))</u>		
Corona, 70,000 Ft (VRMS MIN) <u>150</u>		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>		
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>		
Outer Contact <u>4.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>600</u>		
IR.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH						
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380						
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403	N/A						
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550						
<table border="1"> <tr> <td>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °</td> <td> DRAWN BY DAC DATE 12-05-88 CHECKED BY DAC DATE 01-02-89 APP'D BY S.M. DATE 01-03-89 </td> <td> AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 </td> </tr> <tr> <td> 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. </td> <td> USE ASS'Y PROCEDURE NO. AP. <u>N/A</u> </td> <td> TITLE OS-50 JACK TO JACK ADAPTER SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 8580-0000-02 REV <u>01₂</u> SCALE <u>5:1</u> SHEET 1 OF 1 </td> </tr> </table>			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY DAC DATE 12-05-88 CHECKED BY DAC DATE 01-02-89 APP'D BY S.M. DATE 01-03-89	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	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 NO. AP. <u>N/A</u>	TITLE OS-50 JACK TO JACK ADAPTER SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 8580-0000-02 REV <u>01₂</u> SCALE <u>5:1</u> SHEET 1 OF 1
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