



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18.0</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>335</u>
VSWR <u>1.05 + .005 f(GHz)</u>
Insertion Loss (dB MAX) <u>.07 √f(GHz)</u>
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage
(VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>3.0</u>
Outer Contact <u>2.0</u>
Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) <u>670</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348, Fig. <u>310.2</u>
Recommended Mating
Torque <u>7-10 IN LBS</u>
Mating Characteristics:
Insertion (MAX Lbs) <u>3.0</u>
Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>
Center Contact Captivation
Axial (Lbs) <u>6.0</u>
Radial (In/Oz) <u>4.0</u>
Cable Retention
Axial Force (Lbs) <u>N/A</u>
Torque (In/Oz) <u>N/A</u>
Weight (Grams) <u>2.2</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C TO 105°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition A
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH																						
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35																						
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457 AND MIL-P-19468	N/A																						
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204																						
<table border="1"> <tr> <td>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</td> <td>DRAWN BY P.F.</td> <td>DATE 7/10/79</td> <td rowspan="3"> <b>AMP</b>            AMP Incorporated            140 Fourth Avenue            Waltham, MA 02451-7599         </td> </tr> <tr> <td>TOLERANCE ON</td> <td>CHECKED BY R.D.S.</td> <td>7/11/79</td> </tr> <tr> <td>FRAC. DEC. ANGLES</td> <td>APPD BY R.M.F.</td> <td>7/12/79</td> </tr> <tr> <td>± 1/64 ±.005 ± °</td> <td colspan="2">           USE ASS'Y PROCEDURE             NO. AP. <u>N/A</u> </td> <td>           TITLE            OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE TAB TERMINAL         </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>SIZE B</td> <td>CODE IDENT NO. 26805</td> <td>REV 05<sub>1</sub></td> </tr> <tr> <td></td> <td>SCALE 5:1</td> <td colspan="2">SHEET 1 OF 1</td> </tr> </table>			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY P.F.	DATE 7/10/79	<b>AMP</b> AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	TOLERANCE ON	CHECKED BY R.D.S.	7/11/79	FRAC. DEC. ANGLES	APPD BY R.M.F.	7/12/79	± 1/64 ±.005 ± °	USE ASS'Y PROCEDURE  NO. AP. <u>N/A</u>		TITLE OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE TAB TERMINAL	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.	SIZE B	CODE IDENT NO. 26805	REV 05 <sub>1</sub>		SCALE 5:1	SHEET 1 OF 1	
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