



| ELECTRICAL   |
|--|
| Nominal Impedance (Ohms) <u>50</u>   |
| Frequency Range (GHz) DC to <u>18.0</u>  |
| Volt Rating (VRMS MAX)<br>@ 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<br>(VRMS MIN) @ Sea Level <u>1000</u>  |
| Contact Resistance (Milliohms MAX)<br>Center Contact <u>3.0</u><br>Outer Contact <u>2.0</u><br>Cable to Housing <u>N/A</u> |
| RF High Potential @ Sea Level<br>(VRMS MIN @ 5 MHz) <u>670</u>   |
| I.R.(Megohms MIN) <u>5,000</u>   |

| MECHANICAL  |
|---|
| Interface Dimensions MIL-STD-348,<br>Fig. <u>310.2</u>                                      |
| Recommended Mating<br>Torque <u>7-10 IN LBS</u>   |
| Mating Characteristics:<br>Insertion (MAX Lbs) <u>3.0</u><br>Withdrawal (MIN Oz) <u>1.0</u> |
| Force to Engage and<br>Disengage (In/Lbs MAX) <u>2.0</u>                                    |
| Center Contact Captivation<br>Axial (Lbs) <u>6.0</u><br>Radial (In/Oz) <u>4.0</u>           |
| Cable Retention<br>Axial Force (Lbs) <u>N/A</u><br>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<br>204, Condition D                  |
| Shock MIL-STD-202, Method 213,<br>Condition I                      |
| Thermal Shock MIL-STD-202,<br>Method 107, Condition A              |
| Moisture Resistance MIL-STD-202,<br>Method 106                     |
| Corrosion - MIL-STD-202, Method<br>101, Condition B, 5% salt spray |

| COMPONENT  | MATERIAL  | FINISH  |   |   |   |   |   |  |  |           |                         |  |              |                          |  |  |                        |  |  |              |
|--|---|---|---|---|---|---|---|--|--|-----------|-------------------------|--|--------------|--------------------------|--|--|------------------------|--|--|--------------|
| HOUSING  | STAINLESS STEEL PER<br>ASTM-A484 AND ASTM-<br>A582, TYPE 303  | GOLD PLATE PER<br>MIL-G-45204   |   |   |   |   |   |  |  |           |                         |  |              |                          |  |  |                        |  |  |              |
| DIELECTRIC   | TFE FLUOROCARBON<br>PER ASTM-D-1457<br>AND MIL-P-19468  | N/A   |   |   |   |   |   |  |  |           |                         |  |              |                          |  |  |                        |  |  |              |
| CENTER CONTACT   | BERYLLIUM COPPER PER<br>ASTM-B196, ALLOY 173  | GOLD PLATE PER<br>MIL-G-45204   |   |   |   |   |   |  |  |           |                         |  |              |                          |  |  |                        |  |  |              |
| <table border="1"> <tr> <td>UNLESS OTHERWISE SPECIFIED<br/>DIMENSIONS ARE IN INCHES<br/>TOLERANCE ON<br/>FRAC. DEC. ANGLES<br/>± 1/64 ±.005 ± °</td> <td>           DRAWN BY<br/>J.P.D. DATE<br/>10/19/72<br/>           CHECKED BY<br/>R.M.F. DATE<br/>10/19/72<br/>           APP'D BY<br/>B.K.W. DATE<br/>10/19/72         </td> <td> <b>AMP</b><br/>           AMP Incorporated<br/>           140 Fourth Avenue<br/>           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<br/><br/>           NO. AP. <u>N/A</u> </td> <td>           TITLE<br/>           OSM 4 HOLE FLANGE MOUNT<br/>           JACK RECEPTACLE TAB TERMINAL         </td> </tr> <tr> <td></td> <td>           SIZE<br/>           B         </td> <td>           CODE IDENT NO.<br/>           26805         </td> </tr> <tr> <td></td> <td>           SCALE<br/>           5:1         </td> <td>           PART NO.<br/>           2052-5636-00         </td> </tr> <tr> <td></td> <td></td> <td>           REV<br/>           01<sub>2</sub> </td> </tr> <tr> <td></td> <td></td> <td>           SHEET 1 OF 1         </td> </tr> </table> |   |   | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCE ON<br>FRAC. DEC. ANGLES<br>± 1/64 ±.005 ± ° | DRAWN BY<br>J.P.D. DATE<br>10/19/72<br>CHECKED BY<br>R.M.F. DATE<br>10/19/72<br>APP'D BY<br>B.K.W. DATE<br>10/19/72 | <b>AMP</b><br>AMP Incorporated<br>140 Fourth Avenue<br>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<br><br>NO. AP. <u>N/A</u> | TITLE<br>OSM 4 HOLE FLANGE MOUNT<br>JACK RECEPTACLE TAB TERMINAL |  | SIZE<br>B | CODE IDENT NO.<br>26805 |  | SCALE<br>5:1 | PART NO.<br>2052-5636-00 |  |  | REV<br>01 <sub>2</sub> |  |  | SHEET 1 OF 1 |
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