



| REVISIONS | | | |
|-----------|---------------------------|---------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| A1 | REVISED PER ECO-11-005294 | 13APR11 | HMR |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|--|--|---|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions MIL-STD-348, Fig.310-2 | Temperature Rating <u>-65°C To 125°C</u> |
| Frequency Range (GHz) DC to <u>18</u> | Recommended Mating Torque <u>7-10 In-Lbs</u> | Vibration MIL-STD-202, Method 204, Condition B |
| Volt Rating (VRMS MAX) @ Sea Level <u>335</u> | Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u> | Shock MIL-STD-202, Method 213, Condition I |
| VSWR <u>N/A</u> | Withdrawal (MIN Oz) <u>1.0</u> | Thermal Shock MIL-STD-202, Method 107, Condition B, |
| Insertion Loss (dB MAX) <u>N/A</u> | Force to Engage and Disengage (In/Lbs MAX) <u>2</u> | Moisture Resistance MIL-STD-202, Method 106, Except Vibration |
| RF Leakage (dB MIN) <u>N/A</u> | Center Contact Captivation Axial (Lbs) <u>6.0</u> | Shall Be Omitted |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u> | Radial (In/Oz) <u>4.0</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u> | Weight (Grams) <u>2.2</u> | |
| Contact Resistance (Milliohms MAX) Center Contact <u>3</u> | | |
| Outer Contact <u>2</u> | | |
| Cable to Housing <u>N/A</u> | | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u> | | |
| LR.(Megohms MIN) <u>5000</u> | | |

| COMPONENT | MATERIAL | FINISH |
|----------------|--|--|
| HOUSING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER ASTM-A380 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM-B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 |

| | | | | | | | | | | | |
|---|----------------------|--------------------|--|--------|----------------------|-----------|--------|-----------|--|--|--------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON | DRAWN BY K.L. | DATE 9/1/71 | | | | | | | | | |
| FRAC. DEC. ANGLES ± 1/64 ±.005 ± ° | CHECKED BY P.W.D. | 9/1/71 | | | | | | | | | |
| | APPD BY P.R.B. | 9/1/71 | | | | | | | | | |
| 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 OSM FLANGE MOUNT JACK RECEPTACLE - SOLDER POT TERMINAL <table border="1"> <tr> <td>SIZE B</td> <td>CODE IDENT NO. 26805</td> <td>1052422-1</td> <td>REV A1</td> </tr> <tr> <td>SCALE 5:1</td> <td colspan="2"></td> <td>SHEET 1 OF 1</td> </tr> </table> | SIZE B | CODE IDENT NO. 26805 | 1052422-1 | REV A1 | SCALE 5:1 | | | SHEET 1 OF 1 |
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| SCALE 5:1 | | | SHEET 1 OF 1 | | | | | | | | |

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