



| REVISIONS | | | |
|-----------|----------------------------|---------|--------------------|
| REV | DESCRIPTION | DATE | APPROVED |
| 01 | REDRAWN ON CAD ECN 92-0009 | 8/30/93 | <i>[Signature]</i> |
| 02 | REVISED PER ECN 95-0247 | 6/06/95 | <i>[Signature]</i> |

| 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>1.07 + .01 f(GHz)</u> |
| Insertion Loss (dB MAX) <u>.03 √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>2.0</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> |
| I.R.(Megohms MIN) <u>10000</u> |

| MECHANICAL |
|---|
| Interface Dimensions MIL-STD-348A, 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>1.6</u> |

| ENVIRONMENTAL |
|--|
| Temperature Rating <u>-65°C to +125°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 |

| |
|---|
| HOUSING |
| DIELECTRIC |
| CENTER CONTACT |
| COMPONENT |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± ° |
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| |
|--|
| STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 |
| TFE FLUOROCARBON PER ASTM-D-1457 |
| BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H |
| UNLESS OTHERWISE SPECIFIED DRAWN BY <u>JB</u> DATE <u>3/31/76</u> CHECKED BY <u>RMF</u> <u>3/31/76</u> APPD BY <u>BWC</u> <u>4/1/76</u> |
| USE ASS'Y PROCEDURE |
| NO. AP. <u>N/A</u> |

| |
|--|
| PASSIVATE PER QQ-P-35 |
| N/A |
| GOLD PLATE PER MIL-G-45204 |
| MATERIAL |
| FINISH |
| AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 |
| TITLE <u>OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL</u> |
| SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2052-5674-02 REV <u>02</u> |
| SCALE <u>4 : 1</u> SHEET 1 OF 1 |

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