



| REVISIONS | | | |
|-----------------|----------------------------|---------|------------|
| REV | DESCRIPTION | DATE | APPROVED |
| 01 ₂ | REDRAWN ON CAD ECN 96-0048 | 8/13/96 | <i>RAC</i> |

| ELECTRICAL |
|--|
| Nominal Impedance (Ohms) <u>50</u> |
| Frequency Range (GHz) <u>N/A</u> |
| Volt Rating (VRMS MAX) @ Sea Level <u>335</u> |
| VSWR <u>N/A</u> |
| Insertion Loss (dB MAX) <u>N/A</u> |
| RF Leakage (dB MIN) <u>N/A</u> |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u> |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</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> |
| I.R.(Megohms MIN) <u>5,000</u> |

| MECHANICAL |
|---|
| Interface Dimensions MIL-STD-348A, Fig. 310.2 |
| 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>1.7</u> |

| ENVIRONMENTAL |
|--|
| Temperature Rating <u>-65°C to +165°C</u> |
| Vibration MIL-STD-1344, Method 2005, Condition IV |
| Shock MIL-STD-1344, Method 2004 Condition G. |
| Thermal Shock MIL-STD-1344, Method 1003, Condition A. |
| Corrosion - MIL-STD-1344, Method 1001, Condition B |

| HOUSING |
|---|
| DIELECTRIC |
| CENTER CONTACT |
| COMPONENT |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± ° |
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| MATERIAL |
|--|
| 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 |
| DRAWN BY <u>L. ROSS</u> DATE <u>6/28/85</u> CHECKED BY <u>R. RUSSO</u> DATE <u>6/28/85</u> APPROVED BY <u>R. RUSSO</u> DATE <u>6/28/85</u> |
| USE ASS'Y PROCEDURE NO. AP. <u>N/A</u> |

| FINISH |
|--|
| PASSIVATE PER QQ-P-35 |
| N/A |
| GOLD PLATE PER MIL-G-45204 |
| AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 |
| TITLE <u>OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE SOLDER POT TERMINAL</u> |
| SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2052-8002-92 REV <u>01₂</u> |
| SCALE <u>5 : 1</u> SHEET <u>1 OF 1</u> |

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