



| REVISIONS |             |         |                              |
|-----------|-------------|---------|------------------------------|
| REV       | DESCRIPTION | DATE    | APPROVED                     |
| 012       | ECN 92-0010 | 1/12/93 | <i>AD</i> <i>DCpm</i> 2/8/93 |

| ELECTRICAL  | MECHANICAL   | ENVIRONMENTAL   |
|---|--|---|
| Nominal Impedance (Ohms) <u>50</u>                                  | Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>   | Temperature Rating <u>-65°C to +125°C</u>                       |
| Frequency Range (GHz) DC to <u>18</u>                               | Recommended Mating Torque <u>N/A</u>                   | Vibration MIL-STD-202, Method 204, Condition D.                 |
| 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 A.             |
| Insertion Loss (dB MAX) <u>N/A</u>                                  | Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>  | Except High Temp shall be +115°C                                |
| RF Leakage (dB MIN) <u>[-60-f(GHz)]</u>                             | Center Contact Captivation Axial (Lbs) <u>6.0</u>      | Moisture Resistance MIL-STD-202, Method 106                     |
| 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>1,000</u> | Cable Retention Axial Force (Lbs) <u>N/A</u>           |   |
| Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>        | Torque (In-Oz) <u>N/A</u>                              |   |
| Outer Contact <u>2.0</u>  | Weight (Grams) <u>1.7</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>10,000</u>                                     |  |   |

| COMPONENT      | MATERIAL   | FINISH   |
|----------------|--|--|
| HOUSING        | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303      | GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290    |
| 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 PRB DATE 5-17-67  | <br><b>AMP Incorporated</b><br>140 Fourth Avenue<br>Waltham, MA 02451-7599 |
| FRAC. DEC. ANGLES ± 1/64 ±.005 ± °  | CHECKED BY D.NANIA 5-29-67 |  |
|   | APPD BY EWC 5-29-67        |  |
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|   | NO. AP. <u>N/A</u>         |  |

  

|   |                      |              |         |
|---|----------------------|--------------|---------|
| TITLE OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE SOLDER POT TERMINAL |                      |              |         |
| SIZE B  | CODE IDENT NO. 26805 | 2052-1300-00 | REV 012 |
| SCALE 5 : 1   |                      | SHEET 1 OF 1 |         |

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