



| REVISIONS       |             |          |           |
|-----------------|-------------|----------|-----------|
| REV             | DESCRIPTION | DATE     | APPROVED  |
| 01 <sub>0</sub> | RELEASED    | 06/21/94 | <i>AD</i> |

| ELECTRICAL  | MECHANICAL   | ENVIRONMENTAL   | HOUSING   | MATERIAL   | FINISH                      |
|---|--|---|---|--|-----------------------------|
| Nominal Impedance (Ohms) <u>50</u>                                  | Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>   | Temperature Rating <u>-65°C To 165°C</u>                        | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303   | PASSIVATE PER ASTM-A380                            |                             |
| Frequency Range (GHz) DC to <u>18</u>                               | Recommended Mating Torque <u>7 - 10 in-lbs</u>         | Vibration MIL-STD-202, Method 204, Condition D                  | DIELECTRIC TFE FLUOROCARBON PER ASTM-D-1457   | N/A  |                             |
| 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                      | CENTER CONTACT BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H   | GOLD PLATE PER MIL-G-45204                         |                             |
| VSWR <u>1.10 ± .008 f(GHz)</u>                                      | Withdrawal (MIN Oz) <u>1.0</u>                         | Thermal Shock MIL-STD-202, Method 107, Condition C,             | COMPONENT   |  |                             |
| Insertion Loss (dB MAX) <u>.06 √f(GHz)</u>                          | Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>  | Moisture Resistance MIL-STD-202, Method 106, Except Vibration   | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON  | AMP Incorporated                                   |                             |
| RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>                             | Center Contact Captivation Axial (Lbs) <u>6.0</u>      | Shall Be Omitted  | FRAC. DEC. ANGLES ± 1/64 ± .005 ± °   | 140 Fourth Avenue                                  |                             |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u>                             | Cable Retention Axial Force (Lbs) <u>N/A</u>           | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray | These drawings and specifications are the property of M/A-COM Interconnect Division 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. | Waltham, MA 02451-7599                             |                             |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u> | Torque (In/Oz) <u>N/A</u>                              |   | USE ASS'Y PROCEDURE   | TITLE OSM JACK TO OSM JACK ADAPTER M55339/31-30001 |                             |
| Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>        | Weight (Grams) <u>2.0</u>                              |   | NO. AP. <u>N/A</u>  | SIZE <u>B</u>                                      | CODE IDENT NO. <u>26805</u> |
| Outer Contact <u>2.0</u>  |  |   |   | SCALE <u>8 : 1</u>                                 | REV <u>01<sub>0</sub></u>   |
| Cable to Housing <u>N/A</u>   |  |   |   | SHEET 1 OF 1                                       |                             |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>         |  |   |   |  |                             |
| I.R.(Megohms MIN) <u>5.000</u>                                      |  |   |   |  |                             |

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