



| REVISIONS | | | |
|-----------------|-------------|---------|-------------|
| REV | DESCRIPTION | DATE | APPROVED |
| 01 ₀ | RELEASED | 5/30/95 | <i>M.M.</i> |

| ELECTRICAL | |
|--|---------------|
| Nominal Impedance (Ohms) | 50 |
| Frequency Range (GHz) | DC to 18.0 |
| Volt Rating (VRMS MAX) | Sea Level 335 |
| VSWR | N/A |
| Insertion Loss (dB MAX) | N/A |
| RF Leakage (dB MIN) | N/A |
| Corona, 70,000 Ft (VRMS MIN) | 250 |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level | 1000 |
| Contact Resistance (Milliohms MAX) | |
| Center Contact | 2.0 |
| Outer Contact | 2.0 |
| Cable to Housing | N/A |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) | 670 |
| LR (Megohms MIN) | 10,000 |

| MECHANICAL | |
|--|--------------------------|
| Interface Dimensions | MIL-STD-348A, Fig. 310.2 |
| Recommended Mating Torque | N/A |
| Mating Characteristics: | |
| Insertion (MAX Lbs) | 3.0 |
| Withdrawal (MIN Oz) | 1.0 |
| Force to Engage and Disengage (In-Lbs MAX) | 2.0 |
| Center Contact Captivation | |
| Axial (Lbs) | 6.0 |
| Radial (In-Oz) | 4.0 |
| Cable Retention | |
| Axial Force (Lbs) | N/A |
| Torque (In-Oz) | N/A |
| Weight (Grams) | TBD |

| ENVIRONMENTAL | |
|---------------------|---|
| Temperature Rating | -65°C To 125°C |
| Vibration | MIL-STD-202, Method 204, Condition D |
| Shock | MIL-STD-202, Method 213, Condition I |
| Thermal Shock | MIL-STD-202, Method 107, Condition B, Except High Temp +115°C |
| Moisture Resistance | MIL-STD-202, Method 106, Except Vibration |
| Corrosion | MIL-STD-202, Method 101, Condition B, 5% salt spray |

| HOUSING | LOCKWASHER | MOUNTING NUT |
|---|------------|--------------|
| 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 OR ASTM-B-197, ALLOY C17300, CONDITION H | |
| MATERIAL | |
| DRAWN BY <i>M.M.</i> | DATE 5/24/95 |
| CHECKED BY | |
| APPD BY | |
| USE ASS'Y PROCEDURE | |
| NO. AP. N/A | |

| GOLD PLATE PER MIL-G-45204 | |
|---|----------------------|
| N/A | |
| GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 | |
| FINISH | |
| AMP Incorporated | |
| 140 Fourth Avenue | |
| Waltham, MA 02451-7599 | |
| TITLE OSM BULKHEAD FEEDTHRU JACK RECEPTACLE SOLDER POT TERMINAL | |
| SIZE B | CODE IDENT NO. 26805 |
| SCALE 5:1 | 2056-5168-00 |
| | REV 01 ₀ |
| SHEET 1 OF 1 | |