



NOTES:
1. CAPTURED CENTER CONTACT

| REVISIONS | | | |
|-----------------|------------------------------------|------------|--------------|
| REV | DESCRIPTION | DATE | APPROVED |
| 01 ₁ | SEE ECN 92-0572 | 11/3/92 | AD 11/5/92 |
| 01 ₂ | REVISED DATA TABLE per ECN 95-0262 | 6/21/95 | S. Mobley |
| 01 ₃ | REVISED | DM 3/15/99 | Wlog 3/16/99 |

| ELECTRICAL | |
|--|----------|
| Nominal Impedance (Ohms) | 50 |
| Frequency Range (GHz) DC to | 6.0 |
| Volt Rating (VRMS MAX) | |
| @ Sea Level | 335 |
| VSWR | 12:1 MAX |
| Insertion Loss .1dB MAX/1000 MHz | |
| Corona, 70,000 Ft (VRMS MIN) | 250 |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level | 1000 |
| Contact Resistance (Milliohms MAX) | |
| Center Contact | 5.0 |
| Outer Contact | 1.0 |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) | 670 |
| I.R.(Megohms MIN) | 10,000 |

| MECHANICAL | |
|---|--------------------|
| Force to Engage: (Lbs) | 3.4 MAX |
| & Disengage: (Lbs) | 1.77 MIN - 4.5 MAX |
| Center Contact Captivation Axial (Lbs) 4.5 @ 1 minute with .006" Displacement | |
| XX.XX = mm .XXX = in | |

| ENVIRONMENTAL | |
|--|----------------|
| Temperature Rating | -65° to +165°C |
| Vibration MIL-STD-202, Method 204, Condition B | |
| Thermal Shock MIL-STD-202, Method 107, Condition b | |
| Moisture Resistance MIL-STD-202, Method 106 | |
| Corrosion - MIL-STD-202, Method 101, Condition B, 48 Hrs | |

| HOUSING | |
|--|--|
| CAP | BRASS PER ASTM-B-16 HALF HARD |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H |
| COMPONENT | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCE ON DEC ANGLES ±0.13 ° | |
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| MATERIAL | |
|--|--|
| BRASS PER ASTM-B-16 HALF HARD | |
| TFE FLUOROCARBON PER ASTM-D-1457 | |
| BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H | |
| FINISH | |
| NICKEL PLATE PER QQ-N-290 | |
| N/A | |
| GOLD PLATE PER MIL-G-45204 | |

| | | | |
|--|----------------------|------------------------|---------------------|
| DRAWN BY M.CATIZONE DATE 10-19-90 | | AMP Incorporated | |
| CHECKED BY M.Y. 10-19-90 | | 140 Fourth Avenue | |
| APP'D BY [Signature] 10-19-90 | | Waltham, MA 02451-7599 | |
| TITLE OSX PRINTED WIRING BOARD RIGHT ANGLE JACK RECEPTACLE STRAIGHT TERMINAL | | | |
| SIZE B | CODE IDENT NO. 26805 | 5864-5001-10 | REV 01 ₃ |
| SCALE 6:1 | | | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP PART # 1061023-1
SHEET 1 OF 1 REV A