



| REVISIONS | | | |
|-----------|------------------------------------|-----------------|----------------|
| REV | DESCRIPTION | DATE | APPROVED |
| 015 | SEE ECN 92-0572 | BME 10/30/90 | CW 10/30/90 |
| 016 | REVISED DATA TABLE PER ECN 95-0262 | 6/21/95 | S. Madby |
| 017 | REVISED, ECN 97-0391 | 12-3-97 | KYLE |
| 018 | REVISED | DM 3/16/99 | Wag 3/16/99 |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|-----------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|
| Nominal Impedance (Ohms) <u>50</u> | Force to Engage: (Lbs) <u>3.4 MAX</u> | Temperature Rating <u>-65°C to +165°C</u> |
| Frequency Range (GHz) <u>DC TO 6.0</u> | Force to Disengage: (Lbs) <u>1.77 MIN - 4.5 MAX</u> | Vibration <u>MIL-STD-202, Method 204,</u> |
| Voltage Rating <u>(VRMS MAX) 335 @ Sea level</u> | Center Contact Captivation: <u>Axial 4.5lbs @ 1 minute</u> | <u>Condition B</u> |
| VSWR <u>N/A</u> | <u>with .006" displacement</u> | Thermal shock <u>MIL-STD-202, Method 107,</u> |
| Insertion Loss <u>N/A</u> | | <u>Condition B</u> |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u> | | Moisture Resistance <u>MIL-STD-202, Method 106</u> |
| D.W.V. <u>(VRMS MIN) 1000</u> | | Corrosion <u>MIL-STD-202,</u> |
| Contact Resistance | <u>XX.XX = mm</u> | <u>Method 101, Condition B,</u> |
| Center Contact (Milliohms MAX) <u>5.0</u> | <u>.XXX = in</u> | <u>48 Hrs</u> |
| Outer Contact (Milliohms MAX) <u>1.0</u> | | |
| Cable To Housing (Milliohms MAX) <u>1.0</u> | | |
| RF High Potential <u>(VRMS MIN @ 5 MHz) 670</u> | | |
| I.R. (Megohms Min) <u>10,000</u> | | |

| COMPONENT | MATERIAL | FINISH |
|----------------|------------------------------------------------------------------|-------------------------------|
| HOUSING CAP | BRASS PER ASTM-B-16 HALF HARD | NICKEL PLATE PER QQ-N-290 |
| DIELECTRIC | PTFE 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 |

| | | | |
|--------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|-----------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCE ON DEC ANGLES ±0.13 ° ° | DRAWN BY <u>M.Y.</u> | DATE <u>3-8-90</u> | AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 |
| | CHECKED BY <u>L.ROSS</u> | <u>3-13-90</u> | |
| | APP'D BY <u>QRL</u> | <u>3-13-90</u> | |

| | | | |
|--------------------|---------------------------------------------------------------------------------------------|--------------------------------|-------------------|
| USE ASSY PROCEDURE | TITLE <u>OSX PRINTED WIRING BOARD RIGHT ANGLE JACK RECEPTACLE STRAIGHT TERMINAL</u> | | |
| NO. AP. <u>N/A</u> | SIZE <u>B</u> | CODE IDENT NO. <u>26805</u> | REV <u>018</u> |
| | SCALE <u>6:1</u> | <u>5864-5002-10</u> | SHEET 1 OF 1 |

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