



| REVISIONS |                         |               |                |
|-----------|-------------------------|---------------|----------------|
| REV       | DESCRIPTION             | DATE          | APPROVED       |
| 010       | RELEASED                | 7/21/95       | S. Morley      |
| 011       | REVISED PER ECN 95-0547 | 12/7/95       | S. Morley      |
| 012       | REVISED PER ECN 99-0001 | DM<br>5/20/99 | S. Morley      |
| 013       | REVISED PER ECN 99-0001 | DM<br>6/25/99 | PCW<br>6/25/99 |

**NOTES:**

- CONNECTOR CENTERLINES SHALL BE ALIGNED AS SHOWN WITHIN ±30° FOR LENGTHS 165 MILLIMETERS OR LESS. LENGTHS ABOVE 165 MILLIMETERS SHALL HAVE CONNECTOR CENTERLINES ALIGNED AT RANDOM.

XX.X = mm  
.XXX = in

| CONNECTOR:             | MATERIAL                         | FINISH                       |
|------------------------|----------------------------------|------------------------------|
| INNER & OUTER CONTACTS | BERYLLIUM COPPER ALLOY CDA172    | GOLD PLATE OVER NICKEL PLATE |
| DIELECTRIC             | POLYPROPYLENE, GF                | N/A                          |
| CABLE:                 |                                  |                              |
| JACKET                 | FEP FLUOROCARBON PER ASTM-D2116  | N/A                          |
| SHIELD                 | COPPER WIRE, 44AWG               | SILVER PLATED                |
| DIELECTRIC             | PTFE FLUOROCARBON PER ASTM-D1457 | N/A                          |
| CENTER CONDUCTOR       | COPPER CLAD STEEL, 30AWG         | SILVER PLATED                |

| COMPONENT | MATERIAL | FINISH |
|-----------|----------|--------|
|-----------|----------|--------|

|   |                        |                   |   |
|---|------------------------|-------------------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCE ON<br>FRAC DEC ANGLES<br>- - - | DRAWN BY<br>P. RESNICK | DATE<br>3 JUNE 94 | AMP Incorporated<br>140 Fourth Avenue<br>Waltham, MA 02451-7599 |
|   | CHECKED BY             | APPD BY           |   |

|  |                    |     |                         |   |              |            |
|--|--------------------|-----|-------------------------|---|--------------|------------|
| These drawings and specifications are the property of AMP Incorporated 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. | USE ASSY PROCEDURE |     |                         | TITLE<br>SSMT RIGHT ANGLE JACK TO JACK CABLE ASSEMBLY |              |            |
|  | NO. A.P.           | N/A | SIZE<br>B               | CODE IDENT NO.<br>26805                               | 9960-1150-24 | REV<br>013 |
|  | SCALE<br>10:1      |     | CABLE TYPE<br>SSMT-FLEX |   | SHEET 1 OF 2 |            |

ELECTRICAL

|                                 |  |
|---------------------------------|--|
| Frequency                       | DC - 6 GHz                               |
| Nominal Impedance               | 50 ohms                                  |
| Voltage Rating                  | 250 Volts (VRMS Max.)<br>@ Sea Level     |
| VSWR                            | 1.20:1 Max. @ 2GHz<br>1.40:1 Max. @ 6GHz |
| Insulation Resistance           | 1,000 Megohms Minimum @ 250VDC           |
| Dielectric Withstanding Voltage | 500 Volts (VRMS Minimum)<br>@ Sea Level  |

MECHANICAL

|                      |                   |
|----------------------|-------------------|
| Connector Durability | 100 mating cycles |
|----------------------|-------------------|

ENVIRONMENTAL

|                    |                                 |
|--------------------|---------------------------------|
| Temperature Rating | -40°C (-40°F) To +125°C (257°F) |
|--------------------|---------------------------------|

CUSTOMER DRAWING

AMP PART # 1081829-1  
SHEET 1 OF 1 REV A

OUTLINE, -50 AND B/M MUST CARRY THE SAME MAJOR REVISION LEVEL