



| REVISIONS       |                        |                        |                         |
|-----------------|------------------------|------------------------|-------------------------|
| REV             | DESCRIPTION            | DATE                   | APPROVED                |
| 01 <sub>1</sub> | REVISED                | 5/14/98<br><i>Pedy</i> | <i>CDP</i> 3/31/99      |
| B               | PER EC 0U20-0116-01-03 | 13NOV01                | <i>C. Hoang</i> 13NOV01 |

OSP JACK

REF

$\frac{.437}{11.1}$  HEX REF.

$\frac{.750}{19.1}$  HEX REF.

$\phi \frac{.880}{22.4}$  REF

$\phi \frac{.300}{7.6}$  REF

$\frac{.500}{12.7}$  ACROSS FLATS REF.

7mm PRECISION CONNECTOR

- NOTES:
1. CAPTURED CENTER CONTACT
  2. FREQ. RANGE: DC-18.0 GHz
  3. VSWR: 1.03 +.004 f(GHz) (MAX)

.XXX = in  
XX.X = mm (REF)

|                                  |  |                            |
|----------------------------------|--|----------------------------|
| CONT. FINGERS (x2)               | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303                    | N/A                        |
| HOUSING COUPLING NUT SLIDE ASS'Y | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303                    | ELECTRO-POLISHED           |
| HOUSING                          | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303                    | PASSIVATE PER QQ-P-35      |
| DIELECTRIC                       | PTFE FLUOROCARBON PER ASTM-D-1457  | N/A                        |
| CONTACT EXT.                     | BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 |
| CENTER CONTACT                   | BRASS PER ASTM-B-16, HALF HARD   | GOLD PLATE PER MIL-G-45204 |
| COMPONENT                        | MATERIAL   | FINISH                     |

|   |  |                            |  |   |                             |
|---|--|----------------------------|--|---|-----------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES   |  | DRAWN BY CD DATE 6/30/82   |  | <br>AMP Incorporated<br>140 Fourth Avenue<br>Waltham, MA 02451-7599 |                             |
| FRAC. DEC. ANGLES<br>± 1/64 ±.020 ± 1°  |  | CHECKED BY PCV DATE 7/1/82 |  |   |                             |
|   |  | APPD BY WK DATE 7/2/82     |  |   |                             |
| These drawings and specifications are the property of AMP Interconnect Div. 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 7mm PRECISION TO "OSP" JACK ADAPTER                           |                             |
|   |  | NO. A.P. N/A               |  | SIZE B  | CODE IDENT NO. 4582-2700-00 |
|   |  |                            |  | SCALE 4:1   | REV 01 <sub>1</sub>         |
|   |  |                            |  | SHEET 1 OF 1  |                             |

CUSTOMER DRAWING

AMP PART # 1059720-1  
SHEET 1 OF 1 REV B