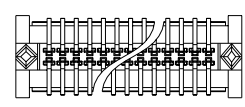


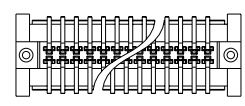
| REV | DESCRIPTION | DATE | BY | CHKD |
|-----|---------------------------|----------|-----|------|
| 0 | REV PER EC 0512-0235-04 | 05/07/04 | BC | SB |
| A | REVISED PER ECO-98-006615 | 10/29/98 | DM | SB |
| A1 | REV PER ECO-99-016560 | 10/29/99 | ALG | DM |

- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, COLOR: BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
- CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES PLATED TO MEET PL-1 PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAAAB, SOLDER TAILS PLATED TIN.
- DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE CONNECTORS ON A PC BOARD.
- PACKAGED IN TAPE ON REELS PER EIA-841.
- 1.5 MIN DIAMETER HOLE SHOULD BE USED IF USING POST STYLE "A" AND PLACING ON PCB WITH VACUUM PLACEMENT EQUIPMENT.
- SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAAB, HOWEVER 2.7 LENGTH ASSURES OPTIMUM SOLDER FILLET.
- CONTACT FINISH: 0.00381 MINIMUM MATTE TIN PER ASTM B 545 ON SOLDER AREA, 0.00127 MINIMUM GOLD PER ASTM B 488 ON MATING AREA, BOTH OVER 0.00127 MINIMUM NICKEL PER SAE-AMS-00-N-290 ON ENTIRE CONTACT.
- SQUARE AND DIAMOND SHAPED POSTS
- ROUND SHAPED POSTS

STYLE A POSTS



STYLE B POSTS



| POST STYLE | FINISH | DIM D | DIM C | DIM B | DIM A | STACK HGTS | POS | PART NO |
|------------|--------|-------|-------|-------|-------|----------------|-----|-------------|
| △ | △ | 44.4 | 45.9 | 44.58 | 41 | 10, 12, 13, 15 | 84 | 3-5120527-2 |
| △ | △ | 34.4 | 35.9 | 34.58 | 31 | 10, 12, 13, 15 | 64 | 3-5120527-1 |
| △ | △ | 44.4 | 45.9 | 44.58 | 41 | 10, 12, 13, 15 | 84 | 2-5120527-2 |
| △ | △ | 34.4 | 35.9 | 34.58 | 31 | 10, 12, 13, 15 | 64 | 2-5120527-1 |
| △ | △ | 44.4 | 45.9 | 44.58 | 41 | 10, 12, 13, 15 | 84 | 1-5120527-2 |
| △ | △ | 34.4 | 35.9 | 34.58 | 31 | 10, 12, 13, 15 | 64 | 1-5120527-1 |
| △ | △ | 44.4 | 45.9 | 44.58 | 41 | 10, 12, 13, 15 | 84 | 5120527-2 |
| △ | △ | 34.4 | 35.9 | 34.58 | 31 | 10, 12, 13, 15 | 64 | 5120527-1 |

| | | | |
|--|---|--|---|
| <p>AMP 000 REV 0000000</p> <p>PLATE: PHOSPHOR BRONZE</p> | <p>305EPFX</p> <p>305EPFX</p> <p>305EPFX</p> <p>502-1819</p> <p>114-25885</p> | <p>305EPFX</p> <p>305EPFX</p> <p>305EPFX</p> <p>305EPFX</p> <p>305EPFX</p> | <p>Time Electronics Corporation</p> <p>Harrisburg, PA 17105-3600</p> <p>PLUG ASSY, 1.0mm FHE (IEEE 1386) CONNECTOR</p> <p>00779-5120527</p> |
|--|---|--|---|