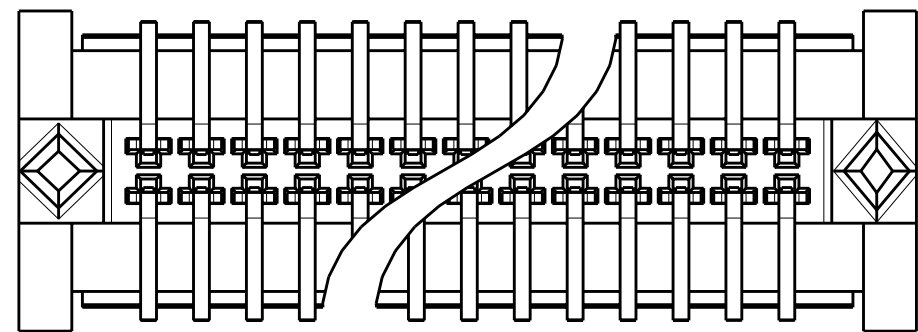


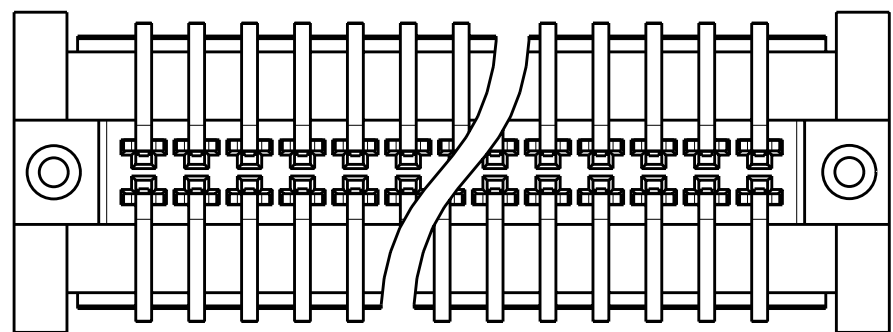
| LOC | | DIST | | REVISIONS | | | | | | |
|-----|--|------|--|-----------|-----|---------------------------|-----------|-----|------|--|
| AD | | 00 | | P | LTR | DESCRIPTION | DATE | DWN | APVD | |
| | | | | O | | REV PER EC 0512-0235-04 | 30SEP2004 | BC | RW | |
| | | | | A | | REV PER EC 0512-0213-05 | 16SEP2005 | BC | RW | |
| | | | | B | | REVISED PER ECO-08-008615 | 10JUL2008 | DH | DB | |
| | | | | B1 | | REV PER ECO-09-018460 | 12SEP2009 | AEG | HM | |
















1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER. COLOR; BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
2. CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
3. DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE CONNECTORS ON A PC BOARD.
4. PACKAGED IN TAPE ON REEL PER EIA-481.
5. 1.5 MIN DIAMETER HOLE SHOULD BE USED IF USING POST STYLE "A" AND PLACING ON PCB WITH VACUUM PLACEMENT EQUIPMENT.
6. SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.7 LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER OF CONNECTOR.
7. REFERRED TO AS DIM N IN EIA 700AAAB SPECIFICATION.
8. 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-QQ-N-290 ON ENTIRE CONTACT.
9. SQUARE AND DIAMOND SHAPED POSTS
10. ROUND SHAPED POSTS




9 STYLE A POSTS



10 STYLE B POSTS



| | | | | | | | | | |
|----------|---|---|-------|-------|-------|-------|------------|-----|-------------|
| OBSOLETE |  |  | 44.4 | 45.9 | 44.58 | 41 | 9, 11, 14 | 84 | 3-5120526-2 |
| |  | | 34.4 | 35.9 | 34.58 | 31 | 9, 11, 14 | 64 | 3-5120526-1 |
| |  |  | 44.4 | 45.9 | 44.58 | 41 | 9, 11, 14 | 84 | 2-5120526-2 |
| |  |  | 34.4 | 35.9 | 34.58 | 31 | 9, 11, 14 | 64 | 2-5120526-1 |
| |  |  | 44.4 | 45.9 | 44.58 | 41 | 9, 11, 14 | 84 | 1-5120526-2 |
| |  |  | 34.4 | 35.9 | 34.58 | 31 | 9, 11, 14 | 64 | 1-5120526-1 |
| |  |  | 44.4 | 45.9 | 44.58 | 41 | 9, 11, 14 | 84 | 5120526-2 |
| |  |  | 34.4 | 35.9 | 34.58 | 31 | 9, 11, 14 | 64 | 5120526-1 |
| | POST STYLE | FINISH | DIM D | DIM C | DIM B | DIM A | STACK HGTS | POS | PART NO |

| | | | | |
|---|--|--|---------|---|
| TYPICAL DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE CONNECTORS ON A PC BOARD. | | DWN B. CARBO | 30SEP04 |  Tyco Electronics Corporation Harrisburg, PA 17105-3608 |
| | | CHK R. WERTZ | 30SEP04 | |
| | | APVD R. WERTZ | 30SEP04 | |
| | | NAME | | |
| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC 502-1079 APPLICATION SPEC 114-25045 WEIGHT - |
| mm | | 9 PLC ± 2 PLC ± 3 PLC ±0.03 4 PLC ±0.003 ANGLES ±0°30' | | |
|  | | SEE TABLE | | |
| MATERIAL | | CUSTOMER DRAWING | | |
|  | | | | SIZE A1 CAGE CODE 00779 DRAWING NO C=5120526 RESTRICTED TO - |
| | | | | |
| | | | | |
| | | | | |
| | | | | SCALE 10:1 |
| | | | | SHEET 1 |
| | | | | OF 1 |
| | | | | REV B1 |

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[1-5120526-2](#)