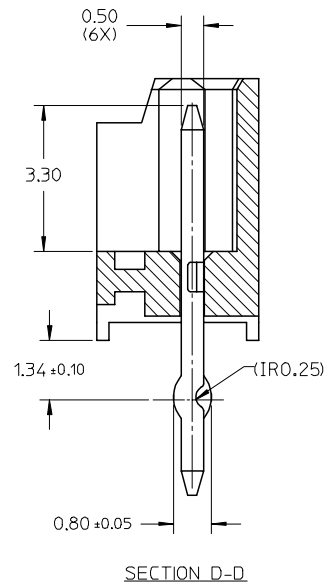
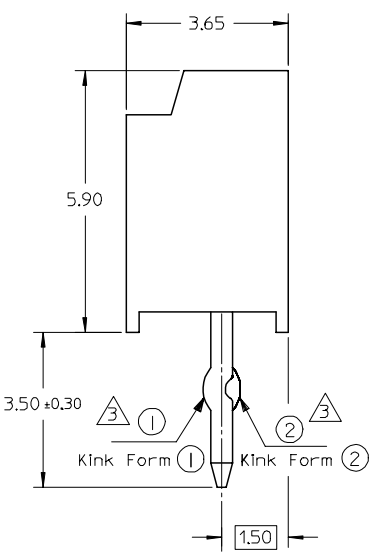
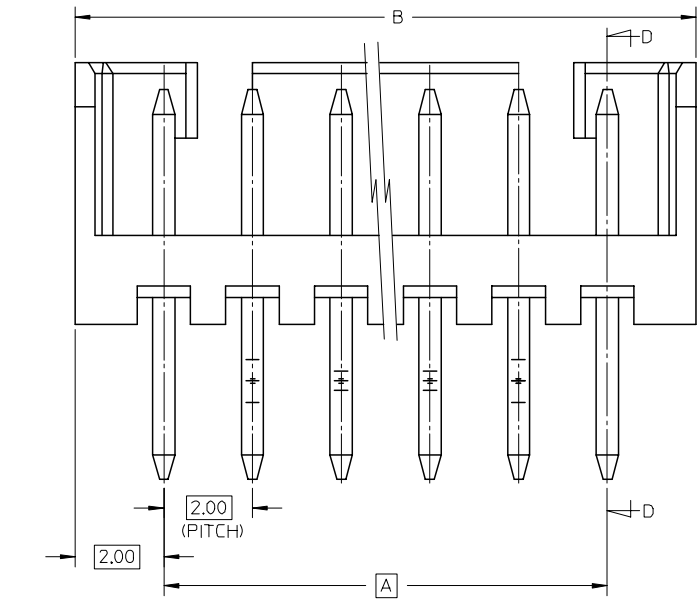


RECOMMENDED PCB LAYOUT THICKNESS : 1.60MM



| ASSY P/N<br>(LOOSE PACKED) |            | CKT<br>SIZE | DIMENSIONS |    |
|----------------------------|------------|-------------|------------|----|
| TIN/<br>LEAD               | TIN        |             | A          | B  |
| 87553-0210                 | 87553-0211 | 2           | 2          | 6  |
| -0310                      | -0311      | 3           | 4          | 8  |
| -0410                      | -0411      | 4           | 6          | 10 |
| -0510                      | -0511      | 5           | 8          | 12 |
| -0610                      | -0611      | 6           | 10         | 14 |
| -0710                      | -0711      | 7           | 12         | 16 |
| -0810                      | -0811      | 8           | 14         | 18 |
| -0910                      | -0911      | 9           | 16         | 20 |
| -1010                      | -1011      | 10          | 18         | 22 |
| -1110                      | -1111      | 11          | 20         | 24 |
| -1210                      | -1211      | 12          | 22         | 26 |
| -1310                      | -1311      | 13          | 24         | 28 |
| -1410                      | -1411      | 14          | 26         | 30 |
| -1510                      | -1511      | 15          | 28         | 32 |

- NOTES :
- MATERIAL :  
WAFER : NYLON (PA46), 30% GF, UL94V-0  
COLOUR : NATURAL (WHITE)  
PIN : BRASS
  - PLATING :  
14µm MIN. TIN/LEAD OR TIN OVER 0.54µm MIN. NICKEL UNDERPLATE OVERALL
  - KINKED TO BE APPLIED AS PER TABLE BELOW  
2 CKT HAS NO KINKED SOLDER TAILS

| NO OF CKT | CKT NO | 1 | 2 | 3 | 4 | 5 | N-2 | N-1 | N |
|-----------|--------|---|---|---|---|---|-----|-----|---|
| 6 & above |        | — | ① | ② | — | — | ②   | ①   | — |
| 5         |        | ① | ② | — | ② | ① |     |     |   |
| 4         |        | ① | ② | ② | ① |   |     |     |   |
| 3         |        | ① | ② | ① |   |   |     |     |   |

- MATING PART : 51065-\*\*\*00
- PART TO BE PACKED IN TUBE, AS SHOWN IN SHT 2.

| EC NO: S2004-0872<br>2004/07/19<br>DRAWN:ATSEE<br>2004/07/19<br>CHKD:KCLING<br>2004/07/19<br>APPR:SKTOH<br>2004/07/19 | QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                                                                                                                                                                                                                                                | DIMENSION STYLE                                                                                                               | SCALE                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------|------------------------|-------|-------|----------|-------|-------|----------|-------|-------|---------|--------|-------|---------------|--|--|---------|-----|--------|--|
|                                                                                                                       | $\nabla = 0$<br>$\nabla C = 0$                       | <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 3 °</td> </tr> </table> |                                                                                                                               | mm                                                            | INCH         | 4 PLACES               | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.2 | ± --- | 1 PLACE | ± 0.25 | ± --- | ANGULAR ± 3 ° |  |  | MM ONLY | NTS | METRIC |  |
|                                                                                                                       |                                                      | mm                                                                                                                                                                                                                                                                                                                                                                   | INCH                                                                                                                          |                                                               |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
|                                                                                                                       | 4 PLACES                                             | ± ---                                                                                                                                                                                                                                                                                                                                                                | ± ---                                                                                                                         |                                                               |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
| 3 PLACES                                                                                                              | ± ---                                                | ± ---                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |                                                               |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
| 2 PLACES                                                                                                              | ± 0.2                                                | ± ---                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |                                                               |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
| 1 PLACE                                                                                                               | ± 0.25                                               | ± ---                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |                                                               |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
| ANGULAR ± 3 °                                                                                                         |                                                      |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                               |                                                               |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
| DESCRIPTION                                                                                                           | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWN BY: KSEE<br>DATE: 1998/05/25<br>CHECKED BY: SKTOH<br>DATE: 1998/06/05<br>APPROVED BY: GMS<br>DATE: 1998/06/05                                                                                                                                                                                                                                                  | TITLE                                                                                                                         | SALES DRAWING<br>2MM W-T-B FRIENDLY LOCK<br>HEADER (STRAIGHT) |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
| REV                                                                                                                   |                                                      |                                                                                                                                                                                                                                                                                                                                                                      | MATERIAL NO.                                                                                                                  | DOCUMENT NO.                                                  |              | SHEET NO.              |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
| A4                                                                                                                    |                                                      |                                                                                                                                                                                                                                                                                                                                                                      | SEE TABLE                                                                                                                     | SD-87553-001                                                  |              | 1 OF 2                 |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |
|                                                                                                                       |                                                      |                                                                                                                                                                                                                                                                                                                                                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                               |              |                        |       |       |          |       |       |          |       |       |         |        |       |               |  |  |         |     |        |  |

10 9 8 7 6 5 4 3 2 1

F

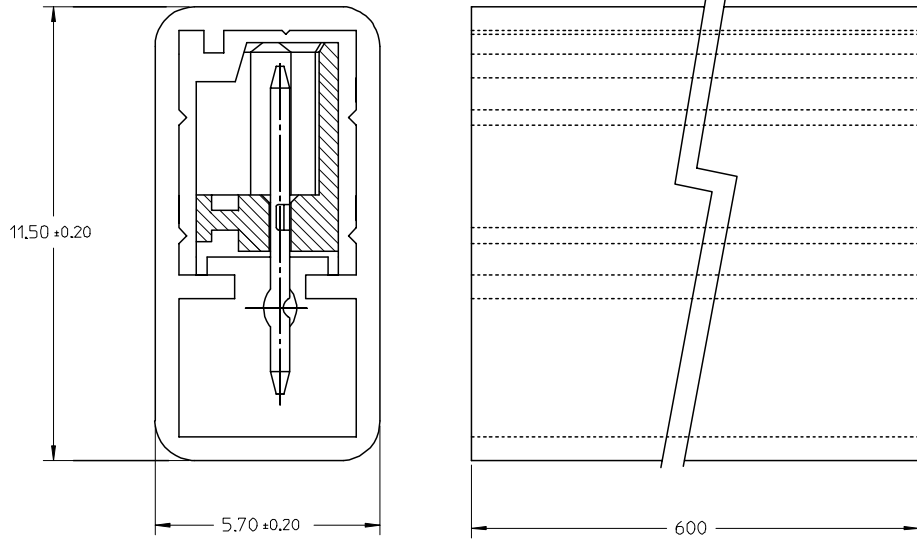
E

D

C

B

A



ORIENTATION OF PART IN TUBE

| ASSY P/N<br>(TUBE PACKED) |            | CKT<br>SIZE | DIMENSIONS |    |
|---------------------------|------------|-------------|------------|----|
| TIN/ LEAD                 | TIN        |             | A          | B  |
| 87553-0290                | 87553-0291 | 2           | 2          | 6  |
| ↑ -0390                   | ↑ -0391    | 3           | 4          | 8  |
| -0490                     | -0491      | 4           | 6          | 10 |
| -0590                     | -0591      | 5           | 8          | 12 |
| -0690                     | -0691      | 6           | 10         | 14 |
| -0790                     | -0791      | 7           | 12         | 16 |
| -0890                     | -0891      | 8           | 14         | 18 |
| -0910                     | -0911      | 9           | 16         | 20 |
| -1090                     | -1091      | 10          | 18         | 22 |
| -1190                     | -1191      | 11          | 20         | 24 |
| -1290                     | -1291      | 12          | 22         | 26 |
| -1390                     | -1391      | 13          | 24         | 28 |
| ↓ -1490                   | ↓ -1491    | 14          | 26         | 30 |
| -1590                     | -1591      | 15          | 28         | 32 |

F

E

D

C

B

A

|                                                                                                                       |                               |                                                            |                       |                            |                                                                                                                                  |                                                                        |                              |                        |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------|-----------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------|------------------------|--|--|--|
| EC NO: S2004-0872<br>2004/07/19<br>DRAWN:ATSEE<br>2004/07/19<br>CHKD:KCLING<br>2004/07/19<br>APPR:SKTOH<br>2004/07/19 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                       | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>NTS                                                           | DESIGN UNITS<br>METRIC       | THIRD ANGLE PROJECTION |  |  |  |
|                                                                                                                       |                               | 4 PLACES ± --- ± ---                                       | 4 PLACES ± --- ± ---  | DRAWN BY<br>KSEE           | DATE<br>1998/05/25                                                                                                               | TITLE<br>SALES DRAWING<br>2MM W-T-B FRIENDLY LOCK<br>HEADER (STRAIGHT) |                              |                        |  |  |  |
|                                                                                                                       |                               | 3 PLACES ± --- ± ---                                       | 3 PLACES ± --- ± ---  | CHECKED BY<br>SKTOH        | DATE<br>1998/06/05                                                                                                               | MOLEX INCORPORATED                                                     |                              |                        |  |  |  |
|                                                                                                                       |                               | 2 PLACES ± 0.2 ± ---                                       | 2 PLACES ± 0.25 ± --- | APPROVED BY<br>GMS         | DATE<br>1998/06/05                                                                                                               | MATERIAL NO.<br>SEE TABLE                                              | DOCUMENT NO.<br>SD-87553-001 | SHEET NO.<br>2 OF 2    |  |  |  |
| 1 PLACE ± 0.25 ± ---                                                                                                  | ANGULAR ± 3 °                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                       | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                        |                              |                        |  |  |  |

9 8 7 6 5 4 3 2 1