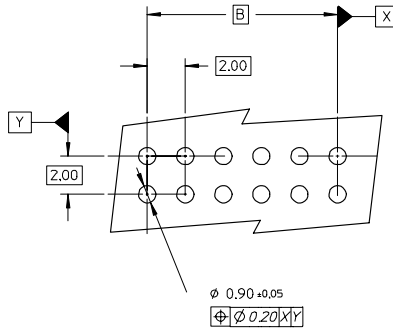
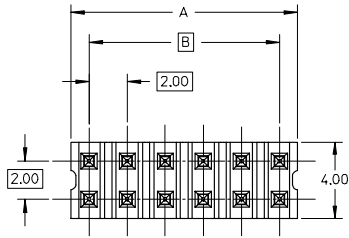


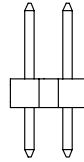
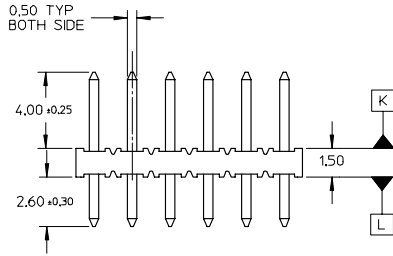
10 9 8 7 6 5 4 3 2 1



**LEGEND**  
 87758- \* \* \* \*  
 CKT SIZE (SEE SHT 2 TABLE)      PLATING (SEE NOTE 2)

**NOTES:**

- MATERIAL:**  
 HOUSING: 30% G.F. NYLON 46, 94V-0, COLOR: BLACK  
 PIN: 0.50mm SQ. PHOSPHOR BRONZE 510
- PLATING:**  
 \*\*16 - 0.38um MIN GOLD IN CONTACT AREA, TIN IN SOLDER AREA, BOTH OVER NICKEL OVERALL.  
 \*\*17 - 0.76um MIN GOLD IN CONTACT AREA, TIN IN SOLDER AREA, BOTH OVER NICKEL OVERALL.  
 \*\*18 - 2.54um MIN TIN OVER NICKEL OVERALL.
- 12 CKT USED FOR ILLUSTRATION ONLY
- PACKED IN POCKET TRAY
- PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION
- △ CKT 4 AND 6 IS CUT FROM CKT 8 AND 12 RESPECTIVELY. CKT 2 ARE CUT FROM ANY LARGER CKT SIZE. ROUGH EDGES ARE EXPECTED ALONG THE CUTTING EDGES.
- PRODUCT SPEC PS-87761-100 APPLIES.
- RECOMMENDED PCB THICKNESS IS 1.60±0.10



$\phi 0.71 \pm 0.07$   
 $\phi 0.30 \text{ M K}$



VIEW P

$\phi 0.71 \pm 0.07$   
 $\phi 0.30 \text{ M L}$



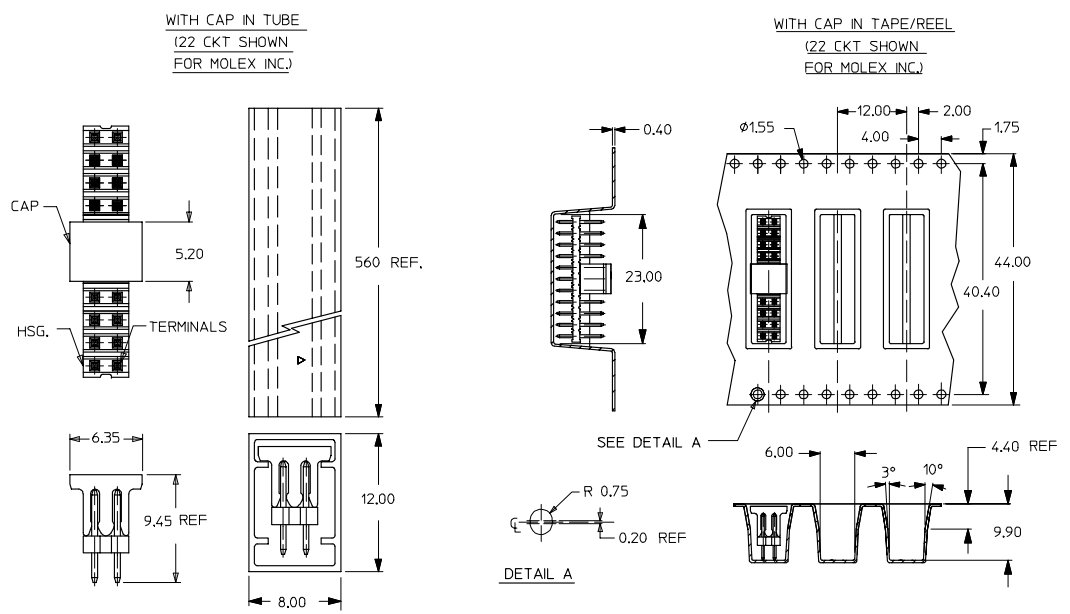
VIEW Q

|   |                               |   |              |   |  |  |                             |                              |
|---|-------------------------------|---|--------------|---|--|--|-----------------------------|------------------------------|
| IEC NO. S2005-0715<br>2005/05/16<br>DRAWN BY KSEE<br>2005/05/18<br>CHECKED BY KCLING<br>2005/05/19<br>APPROVED BY SKTOH<br>2004/01/05<br>A2 | 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 ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.20 ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± 3 ° | mm      INCH | DRAWN BY<br>KSEE<br>DATE<br>2003/10/30  | CHECKED BY<br>KCLING<br>DATE<br>2004/01/05 | TITLE<br>SALES DRAWING<br>2MM DUAL ROW SINGLE<br>WAFER, VERTICAL T/H HDR | MOLEX<br>MOLEX INCORPORATED | DOCUMENT NO.<br>SD-87758-107 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                               | MATERIAL NO.<br>SEE TABLE   |              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |                             |                              |

9 8 7 6 5 4 3 2 1

| PART NUMBER | CKT SIZE | A     | B     |
|-------------|----------|-------|-------|
| 87758-02**  | 2        | NA    | NA    |
| 87758-04**  | 4        | NA    | 2,00  |
| 87758-06**  | 6        | NA    | 4,00  |
| 87758-08**  | 8        | 7,90  | 6,00  |
| 87758-10**  | 10       | 9,90  | 8,00  |
| 87758-12**  | 12       | 11,90 | 10,00 |
| 87758-14**  | 14       | 13,90 | 12,00 |
| 87758-16**  | 16       | 15,90 | 14,00 |
| 87758-18**  | 18       | 17,90 | 16,00 |
| 87758-20**  | 20       | 19,90 | 18,00 |
| 87758-22**  | 22       | 21,90 | 20,00 |
| 87758-24**  | 24       | 23,90 | 22,00 |
| 87758-26**  | 26       | 25,90 | 24,00 |
| 87758-28**  | 28       | 27,90 | 26,00 |
| 87758-30**  | 30       | 29,90 | 28,00 |
| 87758-32**  | 32       | 31,90 | 30,00 |
| 87758-34**  | 34       | 33,90 | 32,00 |
| 87758-36**  | 36       | 35,90 | 34,00 |
| 87758-38**  | 38       | 37,90 | 36,00 |
| 87758-40**  | 40       | 39,90 | 38,00 |
| 87758-42**  | 42       | 41,90 | 40,00 |
| 87758-44**  | 44       | 43,90 | 42,00 |
| 87758-46**  | 46       | 45,90 | 44,00 |
| 87758-48**  | 48       | 47,90 | 46,00 |
| 87758-50**  | 50       | 49,90 | 48,00 |

| CKT SIZE | PART NO. WITH CAP IN TUBE | PART NO. WITH CAP IN TAPE/REEL | PLATING TYPE |
|----------|---------------------------|--------------------------------|--------------|
| 6        | 87758-0814                | 87758-0815                     | **16         |
| 22       | 87758-5126                | 87758-5111                     | MOLEX INC.   |



| IEC NO. S2005-0715<br>2005/05/16<br>DRAWN: KCH0<br>2005/05/18<br>CHECKED: PLIM<br>2005/05/19<br>APPR: SCLIN | QUALITY SYMBOLS<br>▽=0<br>▽=0      | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><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>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table> ANGULAR ± 3 ° |                           | mm                           | INCH               | 4 PLACES            | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | DIMENSION STYLE<br>MM ONLY | SCALE<br>NTS | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |
|---|------------------------------------|---|---------------------------|------------------------------|--------------------|---------------------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|----------------------------|--------------|------------------------|------------------------|
|   |                                    |   |                           | mm                           | INCH               |                     |       |       |          |       |       |          |        |       |         |       |       |                            |              |                        |                        |
| 4 PLACES  | ± ---                              | ± ---   |                           |                              |                    |                     |       |       |          |       |       |          |        |       |         |       |       |                            |              |                        |                        |
| 3 PLACES  | ± ---                              | ± ---   |                           |                              |                    |                     |       |       |          |       |       |          |        |       |         |       |       |                            |              |                        |                        |
| 2 PLACES  | ± 0.20                             | ± ---   |                           |                              |                    |                     |       |       |          |       |       |          |        |       |         |       |       |                            |              |                        |                        |
| 1 PLACE   | ± ---                              | ± ---   |                           |                              |                    |                     |       |       |          |       |       |          |        |       |         |       |       |                            |              |                        |                        |
| DRAWN BY<br>KSEE<br>2003/10/30  | CHECKED BY<br>KCLING<br>2004/01/05 | APPROVED BY<br>SKTOH<br>2004/01/05  | MATERIAL NO.<br>SEE TABLE | DOCUMENT NO.<br>SD-87758-107 | MOLEX INCORPORATED | SHEET NO.<br>2 OF 2 |       |       |          |       |       |          |        |       |         |       |       |                            |              |                        |                        |

fb\_frame\_A3\_P\_AM\_T  
Rev. D 2004/06/28

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