

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

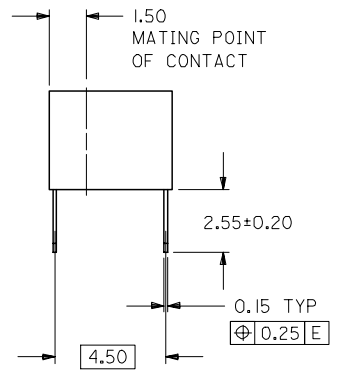
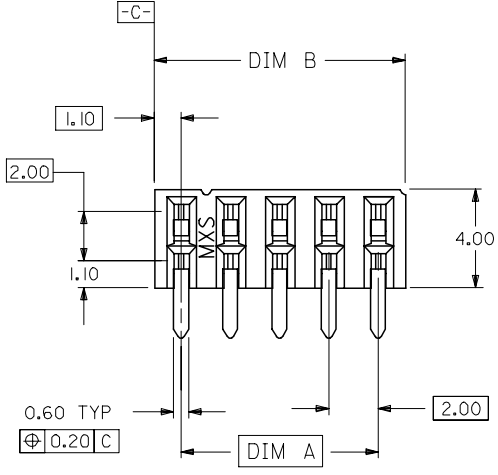
E

D

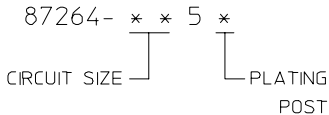
C

B

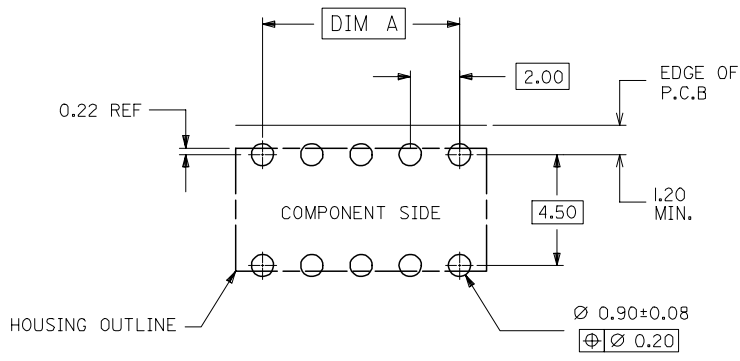
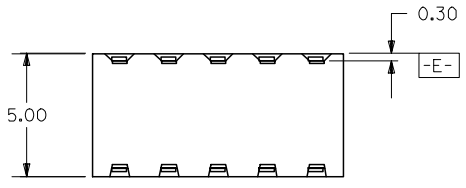
A



PART NO. LEGEND



- 2 - 0.38um/15uin MIN. GOLD PLATE IN SELECTED AREA AND 2.54um/100uin MIN. TIN IN SELECTED AREA OVER 1.27um/50uin NICKEL OVERALL ( IN TUBE).
- 3 - 0.76um/30uin MIN. GOLD PLATE IN SELECTED AREA AND 2.54um/100uin MIN. TIN IN SELECTED AREA OVER 1.27um/50uin NICKEL OVERALL ( IN TUBE).
- 8 - 0.38um/15uin MIN. GOLD PLATE IN SELECTED AREA AND 2.54um/100uin MIN. TIN IN SELECTED AREA OVER 1.27um/50uin NICKEL OVERALL. (IN TAPE/REEL)
- 9 - 0.76um/30uin MIN. GOLD PLATE IN SELECTED AREA AND 2.54um/100uin MIN. TIN IN SELECTED AREA OVER 1.27um/50uin NICKEL OVERALL. (IN TAPE/REEL)

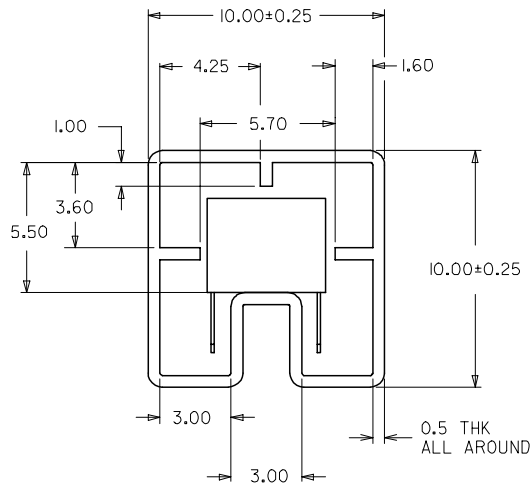
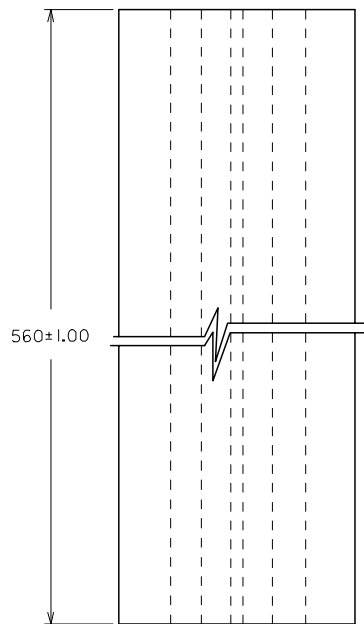


RECOMMENDED P.C. BOARD LAYOUT

- NOTES:
1. IO CIRCUIT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR AVAILABLE PART SIZES.
  2. PLATING FINISH : TERMINAL - AS PER LEGEND
  3. RECOMMENDED PC BOARD THICKNESS IS 1.60 +/- 0.10mm.
  4. PRODUCT SPECIFICATION PS-87264 APPLIES.
  5. PART IS MATEABLE TO ALL MILLI-GRID HEADERS WITH MATING PIN LENGTH BETWEEN 2.50mm AND 4.20mm.
  6. TAPE & REEL OPTION IS SHOWN ON SHT 3 WITH 8 CKT ILLUSTRATION.
  7. PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG.

|  |  |                    |  |   |                 |              |              |  |  |   |
|--|--|--------------------|--|---|-----------------|--------------|--------------|--|--|---|
| ADD NOTE 7.<br>EC NO: S2008-0422<br>DRWN:SKANG<br>CHKD:ATSEE<br>APPR:MLONG | 2007/11/20<br>2007/11/20<br>2007/11/22 | DESCRIPTION<br>REV | QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE | SCALE        | DESIGN UNITS | THIRD ANGLE PROJECTION                                   |  |   |
|  |  |                    | $\nabla=0$<br>$\triangle=0$                          | mm      INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.2 ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± 3 °  | MM ONLY         | NTS          | METRIC       | DRAWN BY: JWAN<br>CHECKED BY: MLAI<br>APPROVED BY: RWONG | DATE: 1992/02/25<br>DATE: 1992/02/25<br>DATE: 1992/02/25 | TITLE: MGRID, 2MM DUAL ROW HDR. SIDE ENTRY RECEPTACLE T/H<br>MOLEX INCORPORATED |
|  |  |                    | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE   | MATERIAL NO.    | DOCUMENT NO. | SHEET NO.    |  |  |   |
|  |  |                    | SIZE A3  | 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

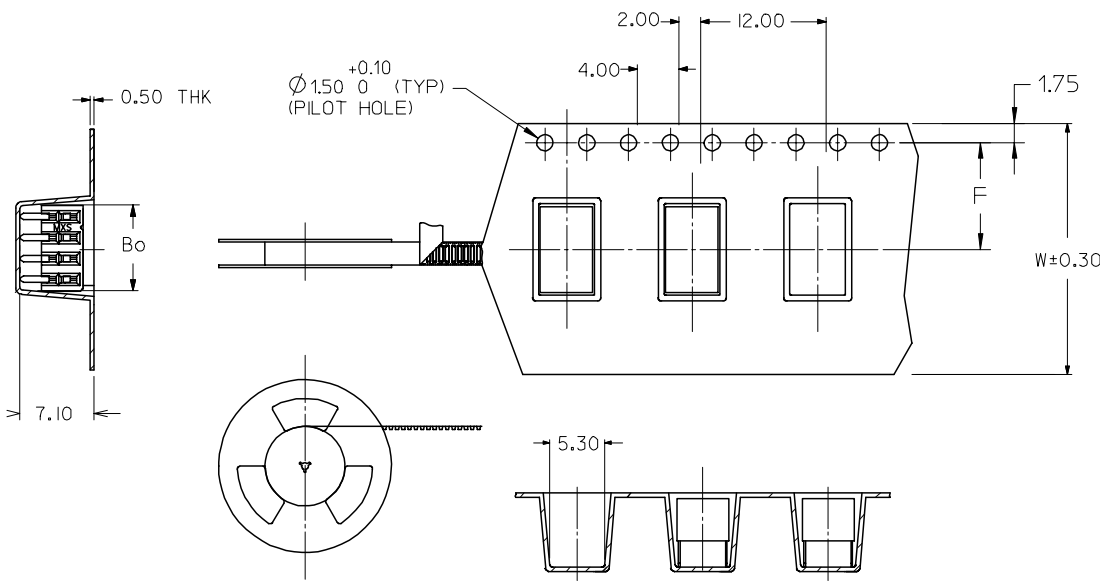


PART IN TUBE ORIENTATION.

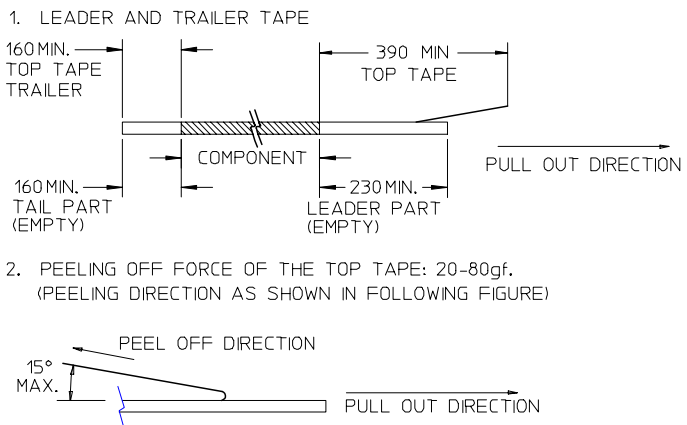
| PART NUMBER<br>0.38um GOLD<br>PLATING $\triangle_2$ | PART NUMBER<br>0.76um GOLD<br>PLATING $\triangle_2$ | CKT.<br>SIZE | DIM A | DIM B |
|---|---|--------------|-------|-------|
| 87264-065*  | 87264-065*  | 6            | 4.00  | 6.20  |
| 87264-085*  | 87264-085*  | 8            | 6.00  | 8.20  |
| 87264-105*  | 87264-105*  | 10           | 8.00  | 10.20 |
| 87264-125*  | 87264-125*  | 12           | 10.00 | 12.20 |
| 87264-145*  | 87264-145*  | 14           | 12.00 | 14.20 |
| 87264-165*  | 87264-165*  | 16           | 14.00 | 16.20 |
| 87264-185*  | 87264-185*  | 18           | 16.00 | 18.20 |
| 87264-205*  | 87264-205*  | 20           | 18.00 | 20.20 |
| 87264-225*  | 87264-225*  | 22           | 20.00 | 22.20 |
| 87264-245*  | 87264-245*  | 24           | 22.00 | 24.20 |
| 87264-265*  | 87264-265*  | 26           | 24.00 | 26.20 |
| 87264-285*  | 87264-285*  | 28           | 26.00 | 28.20 |
| 87264-305*  | 87264-305*  | 30           | 28.00 | 30.20 |
| 87264-325*  | 87264-325*  | 32           | 30.00 | 32.20 |
| 87264-345*  | 87264-345*  | 34           | 32.00 | 34.20 |
| 87264-365*  | 87264-365*  | 36           | 34.00 | 36.20 |
| 87264-385*  | 87264-385*  | 38           | 36.00 | 38.20 |
| 87264-405*  | 87264-405*  | 40           | 38.00 | 40.20 |
| 87264-425*  | 87264-425*  | 42           | 40.00 | 42.20 |
| 87264-445*  | 87264-445*  | 44           | 42.00 | 44.20 |
| 87264-465*  | 87264-465*  | 46           | 44.00 | 46.20 |
| 87264-485*  | 87264-485*  | 48           | 46.00 | 48.20 |
| 87264-505*  | 87264-505*  | 50           | 48.00 | 50.20 |

| ADD NOTE 7.<br>EC NO: S2008-0422<br>DRWNS:KANG 2007/11/20<br>CHKD:ATSEE 2007/11/20<br>APPR:MLONG 2007/11/22   | QUALITY SYMBOLS             | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
|---|-----------------------------|---|-----------------|-------|--------------|------------------------|-------|--|----------|------------|-------------|----------|--------------------|-------|------------|--------------|--------------|-----------|-----------|----------------|--------|--|------------|--|
|   | $\nabla=0$<br>$\triangle=0$ | <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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>± ---</td><td>± ---</td></tr> </tbody> </table> |                 | mm    | INCH         | 4 PLACES               | ± --- | ± ---  | 3 PLACES | ± ---      | ± ---       | 2 PLACES | ± 0.2              | ± --- | 1 PLACE    | ± ---        | ± ---        | MM ONLY   | NTS       | METRIC         |        |  |            |  |
|   |                             | mm  | INCH            |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
|   | 4 PLACES                    | ± ---   | ± ---           |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| 3 PLACES  | ± ---                       | ± ---   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| 2 PLACES  | ± 0.2                       | ± ---   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| 1 PLACE   | ± ---                       | ± ---   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| <table border="1"> <tr><td>DRAWN BY</td><td>DATE</td><td rowspan="2">TITLE</td></tr> <tr><td>JWAN</td><td>1992/02/25</td></tr> <tr><td>CHECKED BY</td><td>DATE</td><td rowspan="2">MGRID, 2MM DUAL ROW HDR.<br/>SIDE ENTRY RECEPTACLE<br/>T/H</td></tr> <tr><td>MLA1</td><td>1992/02/25</td></tr> <tr><td>APPROVED BY</td><td>DATE</td><td rowspan="2">MOLEX INCORPORATED</td></tr> <tr><td>RWONG</td><td>1992/02/25</td></tr> <tr><td>MATERIAL NO.</td><td>DOCUMENT NO.</td><td>SHEET NO.</td></tr> <tr><td>SEE TABLE</td><td>SD-87264-***50</td><td>2 OF 3</td></tr> </table> | DRAWN BY                    | DATE  | TITLE           | JWAN  | 1992/02/25   | CHECKED BY             | DATE  | MGRID, 2MM DUAL ROW HDR.<br>SIDE ENTRY RECEPTACLE<br>T/H | MLA1     | 1992/02/25 | APPROVED BY | DATE     | MOLEX INCORPORATED | RWONG | 1992/02/25 | MATERIAL NO. | DOCUMENT NO. | SHEET NO. | SEE TABLE | SD-87264-***50 | 2 OF 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 |
| DRAWN BY  | DATE                        | TITLE   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| JWAN  | 1992/02/25                  |   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| CHECKED BY  | DATE                        | MGRID, 2MM DUAL ROW HDR.<br>SIDE ENTRY RECEPTACLE<br>T/H  |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| MLA1  | 1992/02/25                  |   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| APPROVED BY   | DATE                        | MOLEX INCORPORATED  |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| RWONG   | 1992/02/25                  |   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| MATERIAL NO.  | DOCUMENT NO.                | SHEET NO.   |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |
| SEE TABLE   | SD-87264-***50              | 2 OF 3  |                 |       |              |                        |       |  |          |            |             |          |                    |       |            |              |              |           |           |                |        |  |            |  |

|   |   |             |       |       |        |
|---|---|-------------|-------|-------|--------|
| PART NUMBER<br>0.38um GOLD<br>PLATING $\triangle_2$<br>(IN TAPE/REEL) | PART NUMBER<br>0.76um GOLD<br>PLATING $\triangle_2$<br>(IN TAPE/REEL) | CKT<br>SIZE | DIM W | DIM F | DIM Bo |
| 87264-085*  | 87264-085*  | 8           | 24.00 | 11.50 | 8.80   |



NOTES:



- 3. PACKAGING STANDARD IS AS PER EIA-481.
- 4. TAPE & REEL QUANTITY = 600PCS/REEL

CUSTOMER PULL OUT DIRECTION →

| <b>ADD NOTE 7.</b><br>EC NO: S2008-0422<br>DRWNS:KANG 2007/11/20<br>CHKD:ATSEE 2007/11/20<br>APPR:MLONG 2007/11/22 | QUALITY SYMBOLS             | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE  | SCALE                    | DESIGN UNITS   | THIRD ANGLE PROJECTION |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |
|--|-----------------------------|---|--|--------------------------|--|------------------------|-------|-------|----------|-------|-------|----------|-------|-------|---------|-------|-------|---------|-----|--------|--|
|  | $\nabla=0$<br>$\triangle=0$ | <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>± ---</td> <td>± ---</td> </tr> </table> |  | mm                       | INCH   | 4 PLACES               | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.2 | ± --- | 1 PLACE | ± --- | ± --- | MM ONLY | NTS | METRIC |  |
|  |                             | mm  | INCH   |                          |  |                        |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |
|  | 4 PLACES                    | ± ---   | ± ---  |                          |  |                        |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |
| 3 PLACES   | ± ---                       | ± ---   |  |                          |  |                        |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |
| 2 PLACES   | ± 0.2                       | ± ---   |  |                          |  |                        |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |
| 1 PLACE  | ± ---                       | ± ---   |  |                          |  |                        |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |
|  |                             |   | DRAWN BY: JWAN<br>CHECKED BY: MLA1<br>APPROVED BY: RWONG<br>DATE: 1992/02/25 | TITLE                    | MGRID, 2MM DUAL ROW HDR.<br>SIDE ENTRY RECEPTACLE<br>T/H |                        |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |
|  |                             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  | SEE TABLE  | MATERIAL NO.<br>SIZE: A3 | DOCUMENT NO.<br>SD-87264-**-50                           | SHEET NO.<br>3 OF 3    |       |       |          |       |       |          |       |       |         |       |       |         |     |        |  |