



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

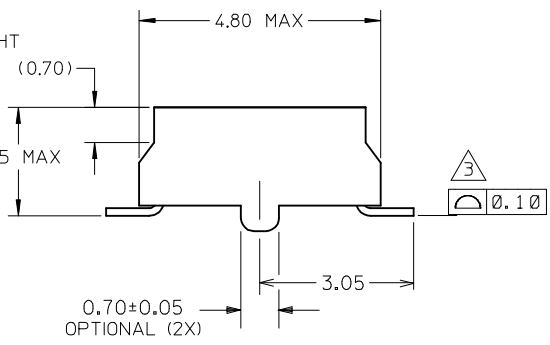
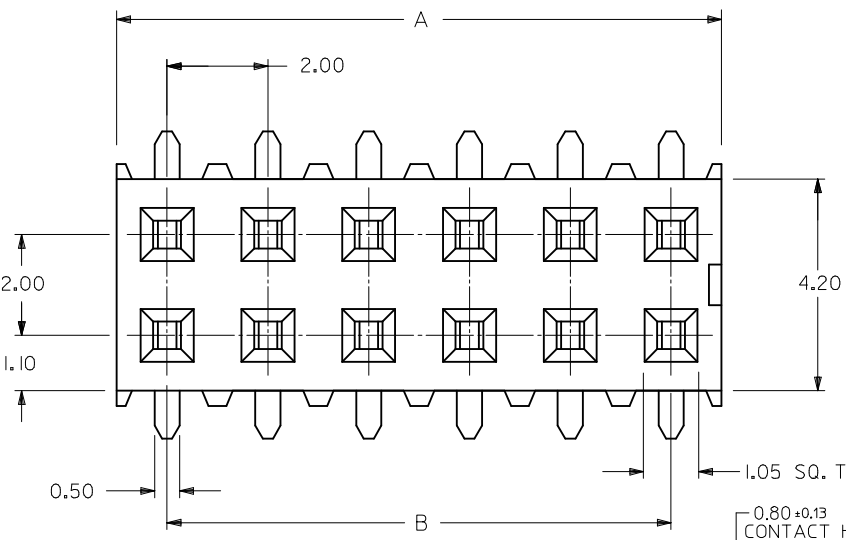
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



10 9 8 7 6 5 4 3 2 1

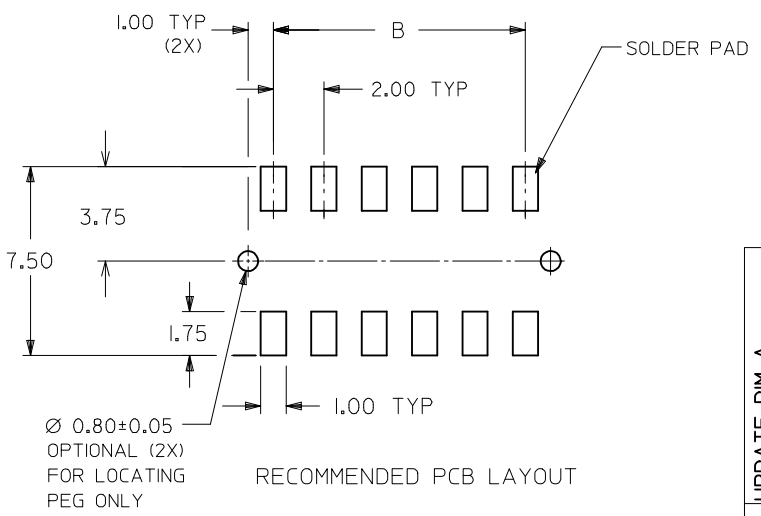
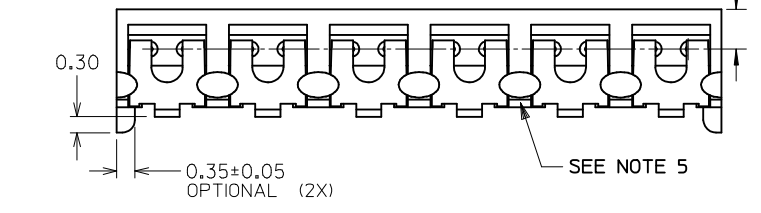
| PART NO. IN TUBE | CKT. SIZE | DIM. B | DIM. A |
|------------------|-----------|--------|--------|
| 87340-04**       | 4         | 2.00   | 4.00   |
| 87340-06**       | 6         | 4.00   | 6.00   |
| 87340-08**       | 8         | 6.00   | 8.00   |
| 87340-10**       | 10        | 8.00   | 10.00  |
| 87340-12**       | 12        | 10.00  | 12.00  |
| 87340-14**       | 14        | 12.00  | 14.00  |
| 87340-16**       | 16        | 14.00  | 16.00  |
| 87340-18**       | 18        | 16.00  | 18.00  |
| 87340-20**       | 20        | 18.00  | 20.00  |

- NOTES:
- 12 CIRCUIT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR AVAILABLE PART SIZES.
  - PLATING FINISH:
    - 5 & 7 - 0.05um-0.25um GOLD IN CONTACT AREA 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
    - 3 & 8 - 0.76um/30uin MIN. GOLD IN CONTACT AREA 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
    - 4 & 9 - 0.38um/15uin MIN. GOLD IN CONTACT AREA 1.90um/75uin MIN. TIN IN SOLDER TAIL AREA BOTH OVER 1.30um/50uin MIN. NICKEL OVERALL
  - COPLANARITY OF SOLDER TAIL IS TO BE MEASURED BY RESTING THE PART ON A FLAT GAUGE SURFACE.
  - PRODUCT SPECIFICATION PS-87340 APPLIES.
  - THIS AREA OF PART TO BE HEAT STAKED TO RETAIN CONTACTS.
  - PART IS MATEABLE TO ALL MILLI-GRID HEADERS WITH MINIMUM PIN LENGTHS OF 1.90mm FOR TOP ENTRY.



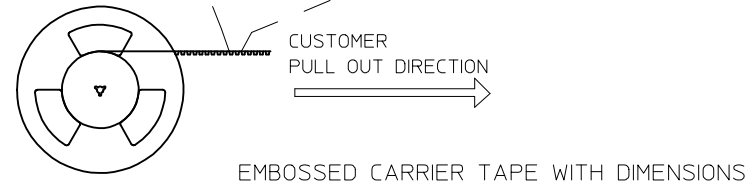
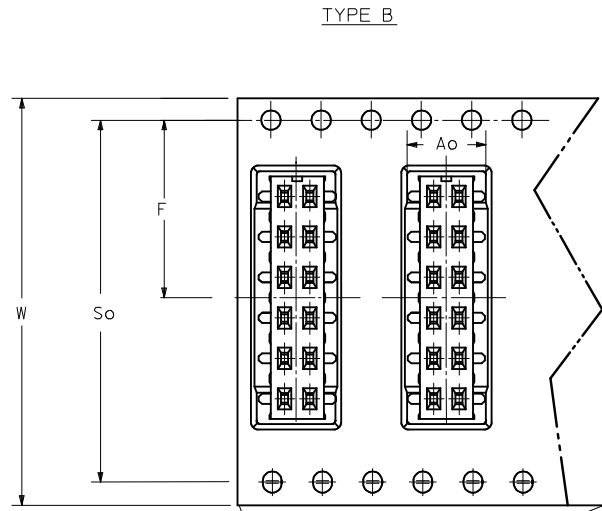
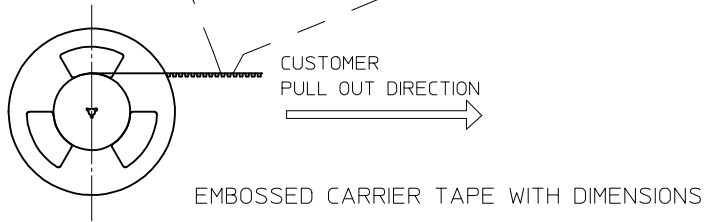
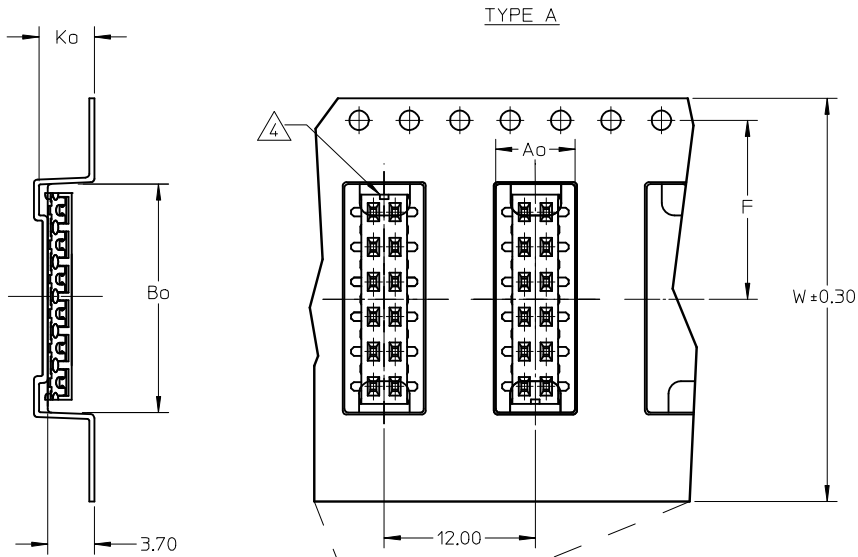
PART NO. LEGEND

- 87340 - \* \* \* \* \*
- CIRCUIT SIZE
- PACKAGING & PLATING
- 3 - (TUBE WITH 0.76um MIN GOLD)
  - 4 - (TUBE WITH 0.38um MIN GOLD)
  - 5 - (TUBE WITH 0.05-0.25um GOLD)
  - 7 - (T&R WITH 0.05-0.25um GOLD)
  - 8 - (T&R WITH 0.76um MIN GOLD)
  - 9 - (T&R WITH 0.38um MIN GOLD)
- 1 - WITHOUT LOCATING PEGS (HOUSING - BLACK)
  - 2 - WITH LOCATING PEGS (HOUSING - BLACK)
  - 5 - WITHOUT LOCATING PEGS (HOUSING - NATURAL)
  - 6 - WITH LOCATING PEGS (HOUSING - NATURAL)



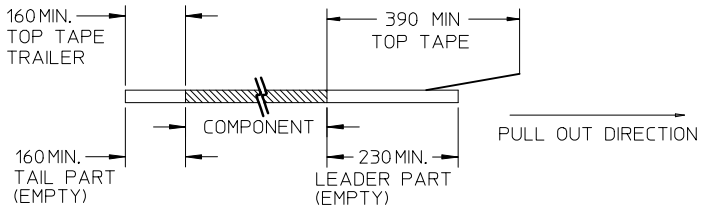
|   |  |                                       |  |                                   |                                  |              |  |                        |                     |  |
|---|--|---------------------------------------|--|-----------------------------------|----------------------------------|--------------|--|------------------------|---------------------|--|
| UPDATE DIM A<br>EC NO: S2015-0625<br>DRW:ATSEE<br>CHKD:CGOH<br>APPR:KLLIM<br>2014/12/05<br>2014/12/18<br>2015/01/08 | QUALITY SYMBOLS<br>$F_A=0$<br>$F_G=0$<br>$F_P=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br><b>MM ONLY</b> |                                  | SCALE<br>NTS | DESIGN UNITS<br>METRIC                                   | THIRD ANGLE PROJECTION |                     |  |
|   |  |                                       | mm   | INCH                              | DRAWN BY                         | DATE         | TITLE  |                        |                     |  |
|   |  | 4 PLACES                              | ± ---  | ± ---                             | JKACHL I                         | 1991/07/02   | MGRID<br>VLPR II, 2MM DUAL ROW<br>TOP ENTRY RECEPT., SMT |                        |                     |  |
|   |  | 3 PLACES                              | ± ---  | ± ---                             | CHECKED BY                       | DATE         |  |                        |                     |  |
| 2 PLACES  | ± 0.20   | ± ---                                 | JNG  | 1991/07/09                        | MOLEX INCORPORATED               |              |  |                        |                     |  |
| 1 PLACE   | ± ---  | ± ---                                 | APPROVED BY  | DATE                              |                                  |              |  |                        |                     |  |
|   | ANGULAR ± 3 °                                    |                                       | MLONG  | 2009/11/24                        | MATERIAL NO.<br><b>SEE TABLE</b> |              | DOCUMENT NO.<br><b>SD-87340-**01</b>                     |                        | SHEET NO.<br>1 OF 3 |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |  |                                       | 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

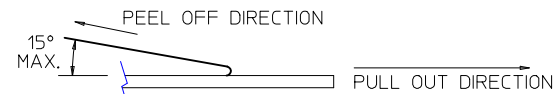


NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



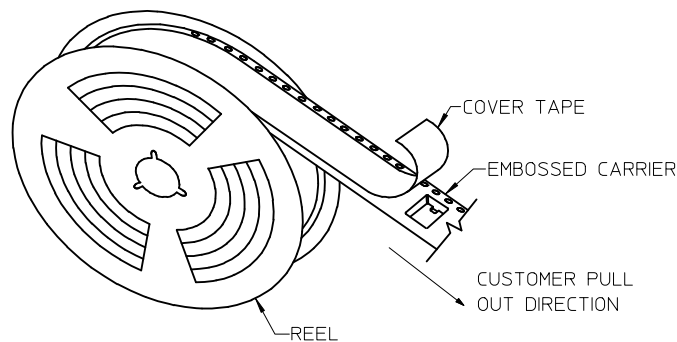
3. PACKAGING STANDARD IS AS PER EIA-481.

4. NO FIX ORIENTATION OF ASSEMBLY PART IN T&R.

5. TAPE & REEL QUANTITY : TBA

|  |   |  |        |                 |   |              |                        |            |
|--|---|--|--------|-----------------|---|--------------|------------------------|------------|
| REMOVE DIM A MAX.<br>EC NO: S2015-0625<br>L7<br>DR:WATSEE<br>CHKD:CGOH<br>APPR:KHLIM<br>2014/12/05<br>2014/12/18<br>2015/01/08 | DESCRIPTION<br>QUALITY SYMBOLS<br>$F_A=0$<br>$F_C=0$<br>$F_P=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        | DIMENSION STYLE | SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION |            |
|  |   |  |        | MM ONLY         | NTS   | METRIC       |                        |            |
|  |   |  |        | mm              | INCH  | DRAWN BY     | DATE                   | TITLE      |
|  |   |  |        | 4 PLACES        | ± ---   | ± ---        | JKACHL I               | 1991/07/02 |
|  |   | 3 PLACES   | ± ---  | ± ---           | CHECKED BY  | DATE         | VLPR II, 2MM DUAL ROW  |            |
|  |   | 2 PLACES   | ± 0.20 | ± ---           | JNG   | 1991/07/09   | TOP ENTRY RECEPT., SMT |            |
|  |   | 1 PLACE  | ± ---  | ± ---           | APPROVED BY   | DATE         | MOLEX INCORPORATED     |            |
|  |   | ANGULAR ± 3 °  |        | MLONG           | 2009/11/24  | DOCUMENT NO. | SD-87340-**-01         |            |
|  |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        | SIZE            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              | SHEET NO.              |            |
|  |   |  |        | A3              |   |              | 2 OF 3                 |            |

| PART NO.<br>IN TUBE | PART NO.<br>TAPE/REEL | CKT SIZE | Ao   | Bo    | F     | W     | Ko   | So    |
|---------------------|-----------------------|----------|------|-------|-------|-------|------|-------|
| 87340-1014          | 87340-1019            | 10       | 6.70 | 10.40 | 11.50 | 24.00 | 5.30 | -     |
| 87340-1613          | 87340-1618            | 16       | 6.60 | 16.30 | 11.50 | 24.00 | 4.40 | -     |
| 87340-1424          | 87340-1429            | 14       | 6.60 | 14.40 | 11.50 | 24.00 | 4.40 | -     |
| 87340-1813          | 87340-1818            | 18       | 6.60 | 18.40 | 14.20 | 32.00 | 4.40 | 28.40 |
| 87340-1814          | 87340-1819            | 18       | 6.60 | 18.40 | 14.20 | 32.00 | 4.40 | 28.40 |
| 87340-2024          | 87340-2029            | 20       | 6.60 | 20.30 | 20.20 | 44.00 | 5.40 | 40.40 |



TAPE AND REEL ASSEMBLY SHOWN IS FOR ILLUSTRATION ONLY.

| <b>SEE SHT 1</b><br>EC NO: S2015-0625<br>L7<br>DRWN:ATSEE<br>CHKD:CGOH<br>APPR:KHLIM<br>2014/12/05<br>2014/12/18<br>2015/01/08 | QUALITY SYMBOLS<br>$F_A=0$<br>$F_G=0$<br>$F_P=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><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>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table> |                    | mm   | INCH                                  | 4 PLACES                   | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± --- | ± --- | DIMENSION STYLE<br><b>MM ONLY</b> | SCALE<br><b>NTS</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |
|--|--|---|--------------------|--|---------------------------------------|----------------------------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|-----------------------------------|---------------------|-------------------------------|------------------------|
|  |  | mm  | INCH               |  |                                       |                            |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |
|  | 4 PLACES   | ± ---   | ± ---              |  |                                       |                            |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |
|  | 3 PLACES   | ± ---   | ± ---              |  |                                       |                            |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |
| 2 PLACES   | ± 0.20   | ± ---   |                    |  |                                       |                            |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |
| 1 PLACE  | ± ---  | ± ---   |                    |  |                                       |                            |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |
|  |  | DRAWN BY<br>JKACHL I  | DATE<br>1991/07/02 | TITLE<br><b>MGRID<br/>         VLPR II, 2MM DUAL ROW<br/>         TOP ENTRY RECEPT., SMT</b> |                                       |                            |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |
|  |  | CHECKED BY<br>JNG   | DATE<br>1991/07/09 | <b>MOLEX</b> MOLEX INCORPORATED  |                                       |                            |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |
|  |  | APPROVED BY<br>MLONG  | DATE<br>2009/11/24 | MATERIAL NO.<br><b>SEE TABLE</b>   | DOCUMENT NO.<br><b>SD-87340-**-01</b> | SHEET NO.<br><b>3 OF 3</b> |       |       |          |       |       |          |        |       |         |       |       |                                   |                     |                               |                        |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

SIZE  
A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION