



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!



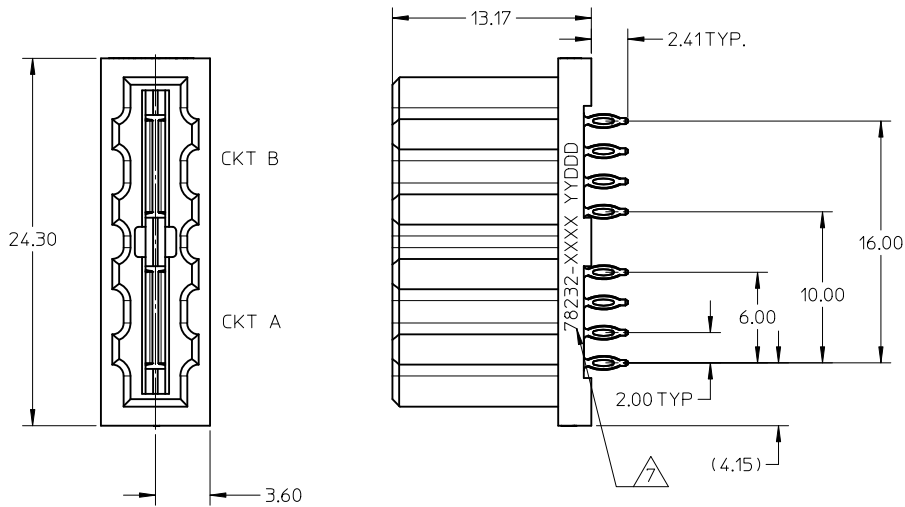
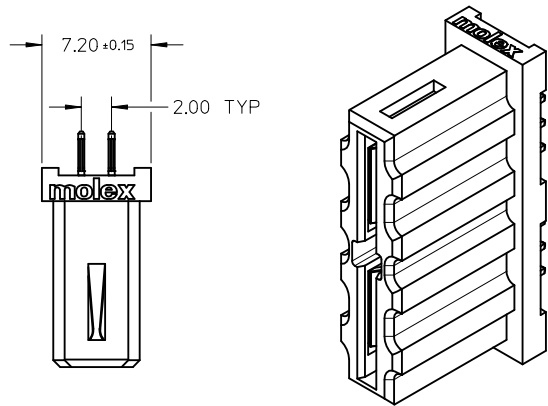
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NOTES

1. MATERIALS :
  - HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK.
  - POWER PIN - COPPER ALLOY
2. FINISHES :
  - 0.76 MICROMETER MINIMUM GOLD AT CONTACT AREA AND 2.54 MICROMETER MINIMUM TIN AT SOLDER TAIL AREA OVER 1.27um MINIMUM NICKEL UNDERPLATE.
3. PRODUCT SPECIFICATION: PS-78231-006.
4. COMPONENT STAY AWAY ZONE FROM CONNECTOR.
5. PCB NOTE FOR PLATED HOLE.

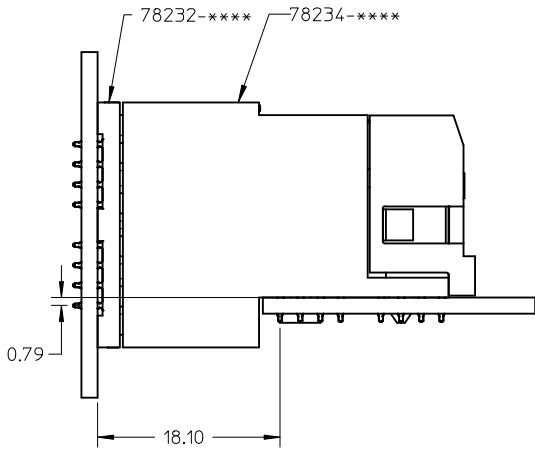
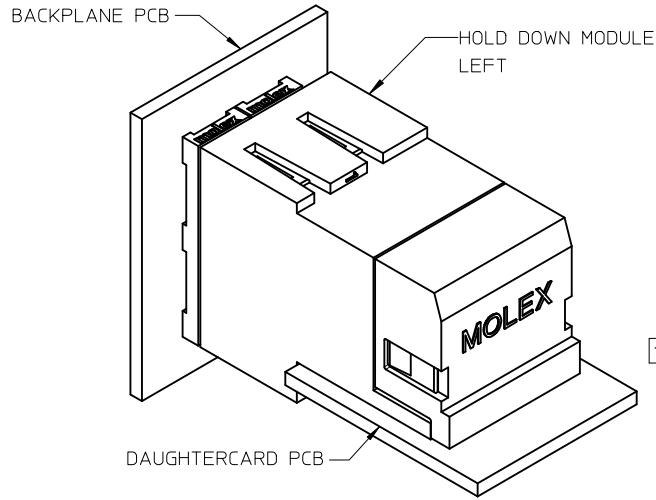
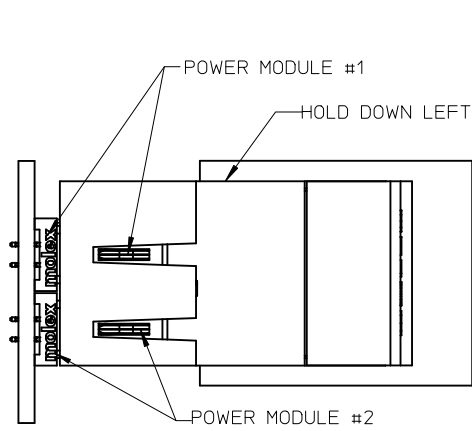
| TYPE OF PLATED HOLE | DRILLED HOLE SIZE | PLATING THICKNESS                      | PLATED HOLE SIZE ØDIM H* |
|---------------------|-------------------|--|--------------------------|
| TIN                 | 0.838             | 0.007 MIN TIN/SILVER OVER 0.03 TO 0.08 | 0.725±0.075              |
| SILVER              | 0.863             | COPPER PLATING                         | 0.750±0.050              |

SEE SHEET 2 AND 3 FOR RECOMMENDED PCB LAYOUT.

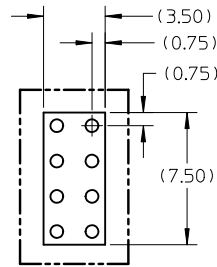
6. MATES WITH 78234-\*\*\*\*.
7. PART NUMBER AND YEAR-WK CODE.
8. ADJACENT POWER MODULE PITCH.
9. PACKAGING PROCEDURE AS PER PK-78232-001.

|  |                       |  |                                       |  |   |  |                        |  |
|--|-----------------------|--|---------------------------------------|--|---|--|------------------------|--|
| REMOVE PB/SN<br>EC NO: S2012-0580<br>DRWN: SHONG<br>CHKD: LNG<br>APPR: NAGESHK N<br>2012/01/31<br>2012/02/13<br>2012/02/13 | DESCRIPTION<br>A1     | QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE  | SCALE   | DESIGN UNITS   | THIRD ANGLE PROJECTION |  |
|  |                       | ▽=0  | mm INCH                               | MM ONLY  | NTS   | METRIC   | ⊙ □                    |  |
|  |                       | ⊕=0  | 4 PLACES ± --- ± ---                  | DRAWN BY DATE  | TITLE   | I-TRAC POWER, 11 ROW<br>VERTICAL RECEPTACLE<br>PRESS-FIT<br>MOLEX INCORPORATED |                        |  |
|  |                       |  | 3 PLACES ± --- ± ---                  | CHECKED BY DATE  |   |  |                        |  |
|  | 2 PLACES ± 0.25 ± --- | APPROVED BY DATE                                     |                                       | MATERIAL NO. 78232-1001<br>DOCUMENT NO. SD-78232-011<br>SHEET NO. 1 OF 3 |   |  |                        |  |
|  | 1 PLACE ± --- ± ---   |  |                                       |  |   |  |                        |  |
|  | ANGULAR ± 3 °         | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                       |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |

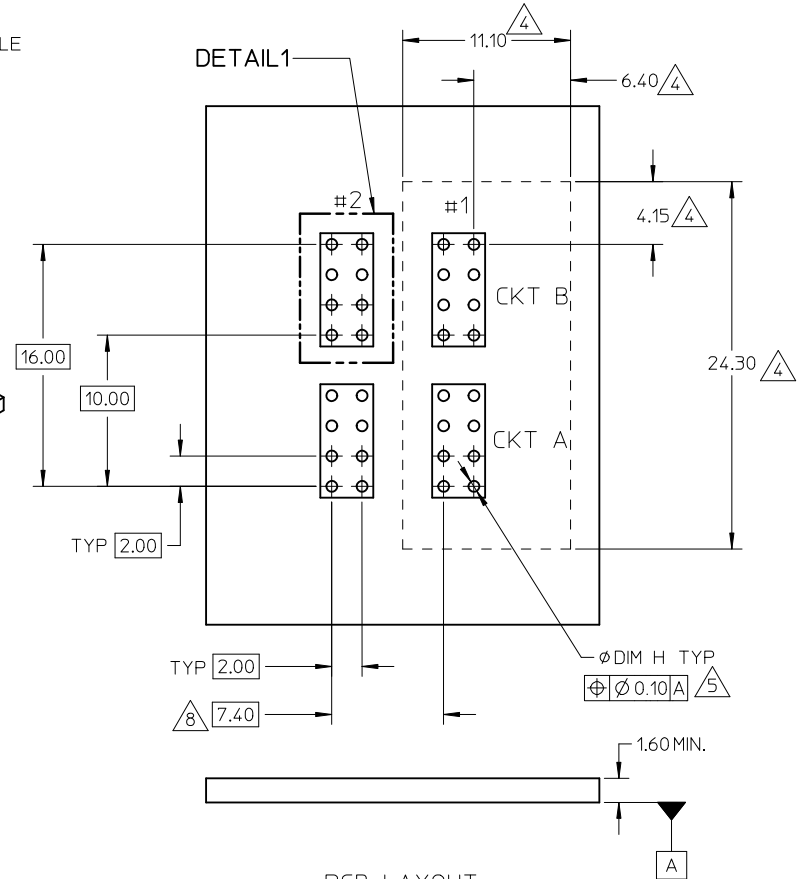
# MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN LEFT



MATED SYSTEM FOR 78232 & 78234



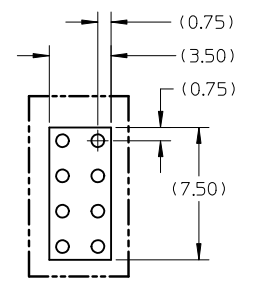
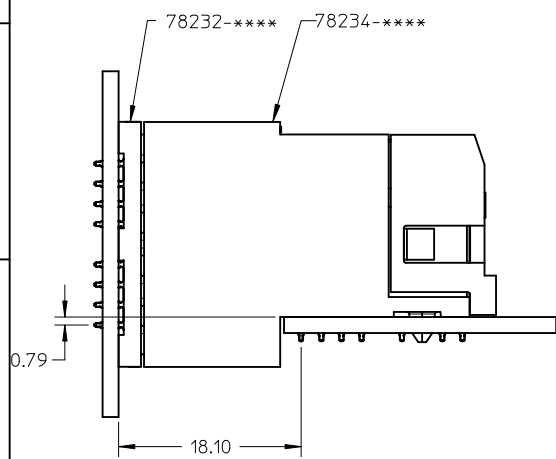
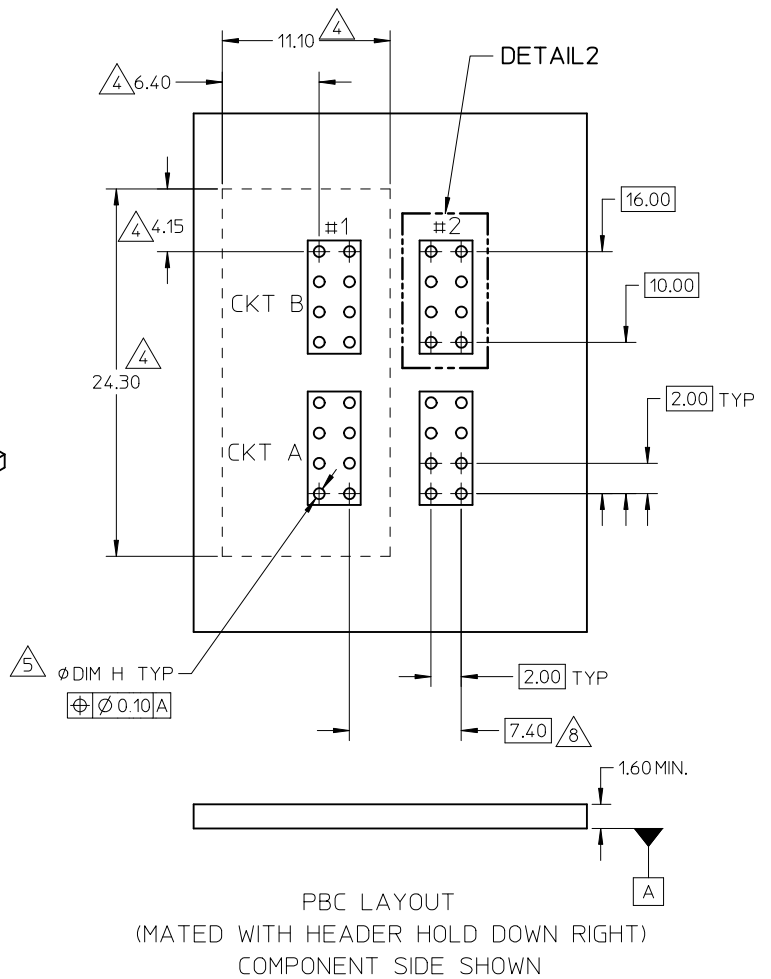
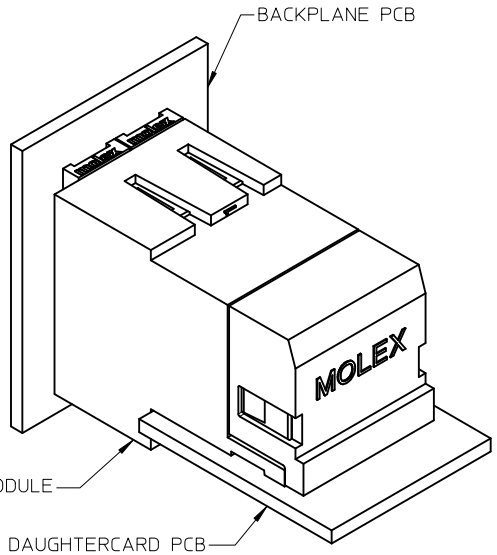
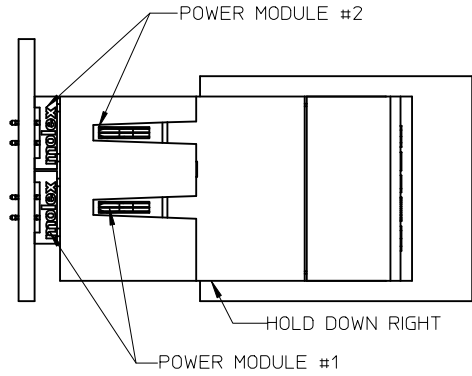
DETAIL1  
COPPER PAD REFERENCE



PCB LAYOUT  
(MATED WITH HEADER HOLD DOWN MODULE LEFT)  
COMPONENT SIDE SHOWN

|   |  |                   |                 |   |   |  |  |                        |  |
|---|--|-------------------|-----------------|---|---|--|--|------------------------|--|
| REMOVE PB/SN<br>EC NO: S2012-0580<br>DRWN: SHONG<br>CHKD: LNG<br>APPR: NAGESHKN | 2012/01/31<br>2012/02/13<br>2012/02/13 | DESCRIPTION<br>A1 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE   | SCALE                                  | DESIGN UNITS   | THIRD ANGLE PROJECTION |  |
|   |  |                   | ▼=0<br>◻=0      | mm    INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.25 ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± 3 ° | MM ONLY   | NTS                                    | METRIC   |                        |  |
|   |  |                   |                 |   | DRAWN BY: SHONG    DATE: 2006/08/15<br>CHECKED BY: LNG    DATE: 2006/08/25<br>APPROVED BY: NAGESHKN    DATE: 2012/01/06 | TITLE                                  | I-TRAC POWER, 11 ROW<br>VERTICAL RECEPTACLE<br>PRESS-FIT |                        |  |
|   |  |                   |                 |   | MATERIAL NO. 78232-1001<br>DOCUMENT NO. SD-78232-011  | MOLEX INCORPORATED<br>SHEET NO. 2 OF 3 |  |                        |  |

MATED DIMENSIONS AND PCB LAYOUT WITH HEADER HOLD DOWN RIGHT



MATED SYSTEM FOR 78232 & 78234

|   |                    |  |  |   |  |  |                        |  |
|---|--------------------|--|--|---|--|--|------------------------|--|
| REMOVE PB/SN<br>EC NO: S2012-0580<br>DRWN: SHONG<br>CHKD: LNG<br>APPR: NAGESHKN | DESCRIPTION<br>REV | QUALITY SYMBOLS  | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE                         | SCALE  | DESIGN UNITS   | THIRD ANGLE PROJECTION |  |
|   |                    | ▽=0<br>∇=0   | mm INCH  | MM ONLY                                 | NTS  | METRIC   |                        |  |
|   |                    |  | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.25 ± ---<br>1 PLACE ± --- ± --- | DRAWN BY DATE<br>SHONG 2006/08/15       | TITLE  | I-TRAC POWER, 11 ROW<br>VERTICAL RECEPTACLE<br>PRESS-FIT |                        |  |
|   |                    | ANGULAR ± 3 °  | CHECKED BY DATE<br>LNG 2006/08/25  | APPROVED BY DATE<br>NAGESHKN 2012/01/06 | MOLEX INCORPORATED   |  |                        |  |
| A1  |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | MATERIAL NO.<br>78232-1001   | DOCUMENT NO.<br>SD-78232-011            | SHEET NO.<br>3 OF 3  |  |                        |  |
|   |                    |  |  | SIZE<br>A3                              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |