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Stocking Distributor

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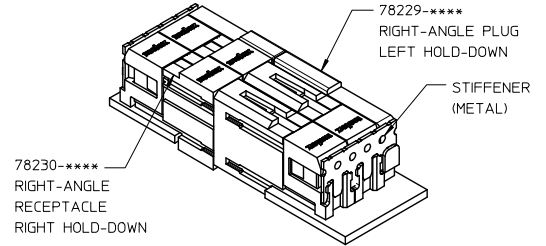
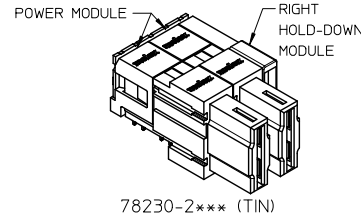
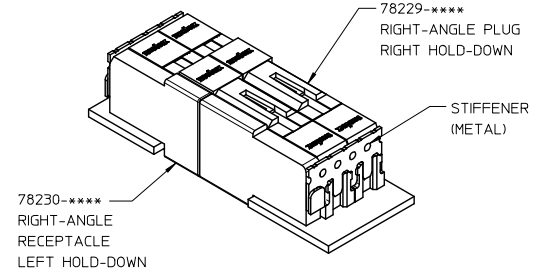
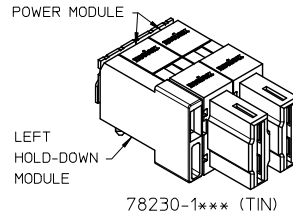
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

### LEFT HOLD DOWN OPTION

| PART NUMBER | NUMBER OF POWER MODULES | *DIM A* | PLATING OPTION |
|-------------|-------------------------|---------|----------------|
| 78230-1101  | 1X                      | 10.90   | TIN            |
| 78230-1102  | 2X                      | 18.30   |                |

### RIGHT HOLD DOWN OPTION

| PART NUMBER | NUMBER OF POWER MODULES | *DIM A* | PLATING OPTION |
|-------------|-------------------------|---------|----------------|
| 78230-2101  | 1X                      | 10.90   | TIN            |
| 78230-2102  | 2X                      | 18.30   |                |

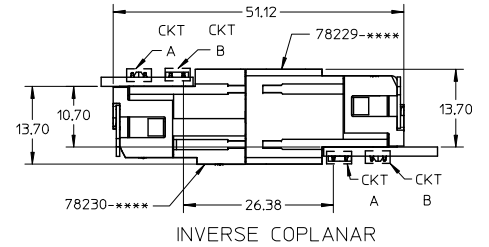
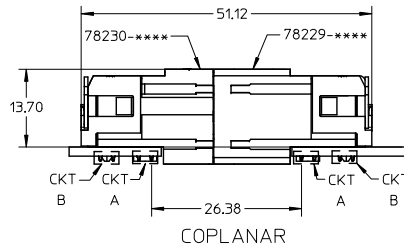


#### NOTES:

- MATERIALS :  
HOUSING - LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR:BLACK.  
POWER PIN - COPPER ALLOY
- FINISHES :  
POWER CONTACTS  
0.764μm MINIMUM GOLD AT CONTACT AREA AND  
2.544μm MINIMUM TIN AT SOLDER TAIL AREA OVER  
1.274μm MINIMUM NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION: PS-78231-006.

-  CONNECTOR KEEP OUT ZONE.
-  PCB NOTE FOR PLATED HOLE.

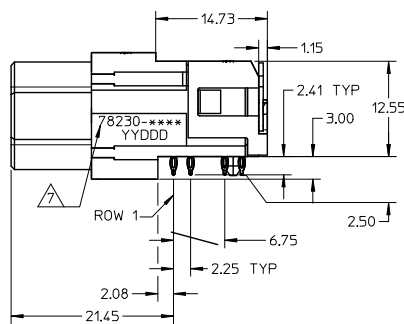
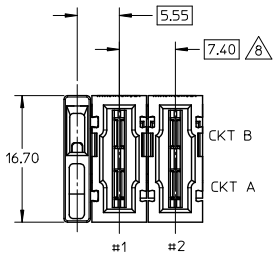
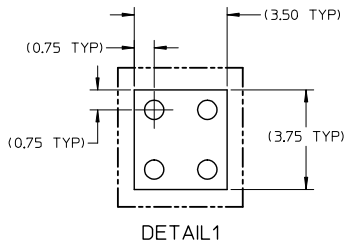
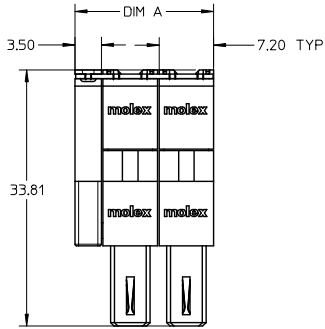
| TYPE OF PLATED HOLE | DRILLED HOLE SIZE | PLATING THICKNESS                   | PLATED HOLE SIZE *DIM H* |
|---------------------|-------------------|-------------------------------------|--------------------------|
| TIN/TIN-LEAD        | 0.838             | 0.007 MIN<br>TIN/TIN-LEAD/SILVER    | 0.725±0.075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



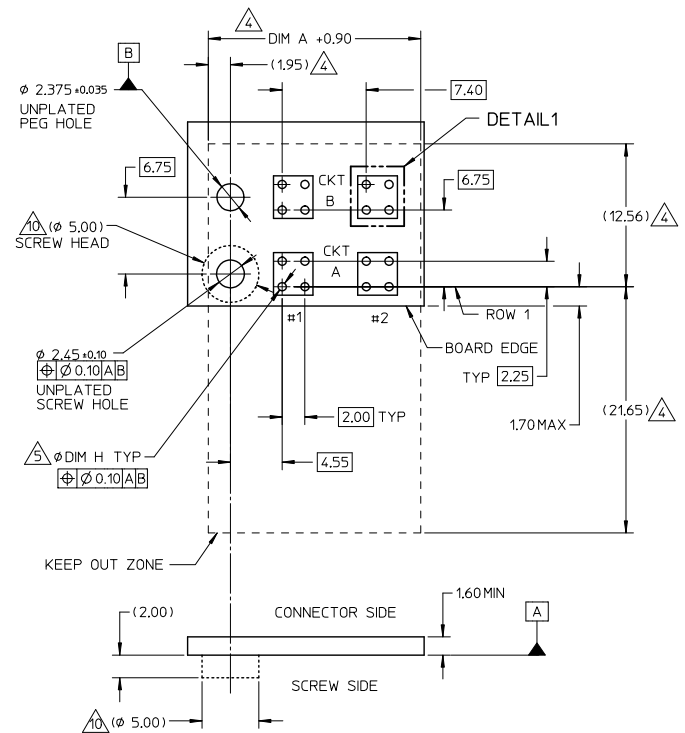
-  78230-\*\*\*\* MATES WITH 78229-\*\*\*\*.
-  PART NUMBER AND YEAR-DAY CODE APPROXIMATELY SHOWN.
-  ADD 7.40mm FOR EACH ADDITIONAL POWER MODULE.
-  REFER TO SHEET 2 FOR LEFT HOLD DOWN OPTION AND SHEET 3 FOR RIGHT HOLD DOWN OPTION.
-  ALL PARTS ARE SHIPPED WITH A 2-32 AB SELF TAPPING SCREW. PART NUMBER 73726-0005.
-  PACKAGING PROCEDURE AS PER PK-78230-001.

|                                                                                       |     |             |                                   |                                       |        |                            |                              |                                                                                                                                  |                                                                                |                           |  |  |  |
|---------------------------------------------------------------------------------------|-----|-------------|-----------------------------------|---------------------------------------|--------|----------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|--|--|--|
| CONSOLIDATE P/N<br>EC NO- 52011-0369<br>DRWNSHONG<br>CHKD LING<br>APPRNAGE SHKN<br>A5 | REV | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |                              | SCALE<br>NTS                                                                                                                     | DESIGN UNITS<br>METRIC                                                         | THIRD ANGLE<br>PROJECTION |  |  |  |
|                                                                                       |     |             |                                   |                                       | mm     | INCH                       | DRAWN BY<br>ANG              | DATE<br>2007/10/15                                                                                                               | TITLE<br>I-TRAC POWER, 7 ROW<br>R/A RECEPTACLE, PRESSFIT<br>W/HOLD DOWN MODULE |                           |  |  |  |
|                                                                                       |     |             |                                   | 4 PLACES                              | ± ---  | ± ---                      | CHECKED BY<br>LNG            | DATE<br>2007/11/30                                                                                                               |                                                                                |                           |  |  |  |
|                                                                                       |     |             |                                   | 3 PLACES                              | ± ---  | ± ---                      | APPROVED BY<br>NAGESHKN      |                                                                                                                                  | DATE<br>2010/11/03                                                             | MOLEX INCORPORATED        |  |  |  |
|                                                                                       |     |             |                                   | 2 PLACES                              | ± 0.25 | ± ---                      |                              |                                                                                                                                  |                                                                                |                           |  |  |  |
|                                                                                       |     |             |                                   | 1 PLACE                               | ± ---  | ± ---                      | DOCUMENT NO.<br>SD-78230-001 |                                                                                                                                  |                                                                                |                           |  |  |  |
|                                                                                       |     |             |                                   | ANGULAR ± 3 °                         |        |                            |                              |                                                                                                                                  |                                                                                |                           |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                            |     |             |                                   |                                       |        | MATERIAL NO.<br>SEE TABLE  |                              | SHEET NO.<br>1 OF 3                                                                                                              |                                                                                |                           |  |  |  |
|                                                                                       |     |             |                                   |                                       |        | SIZE<br>A3                 |                              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                |                           |  |  |  |

LEFT HOLD DOWN OPTION

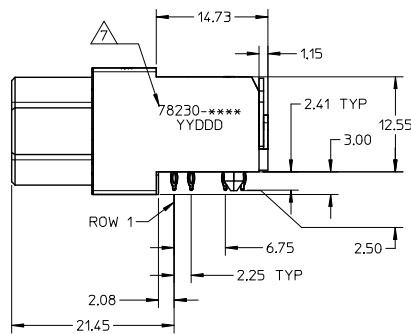
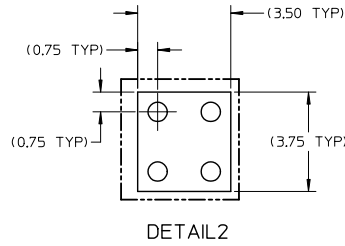
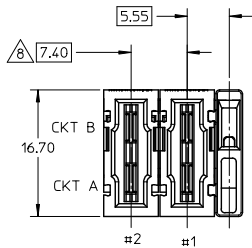
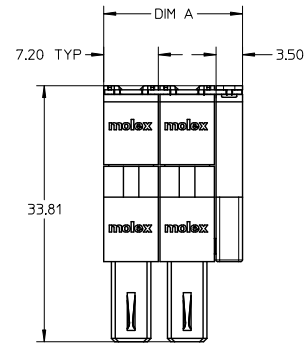


RECOMMENDED PCB LAYOUT  
(CONNECTOR SIDE SHOWN)

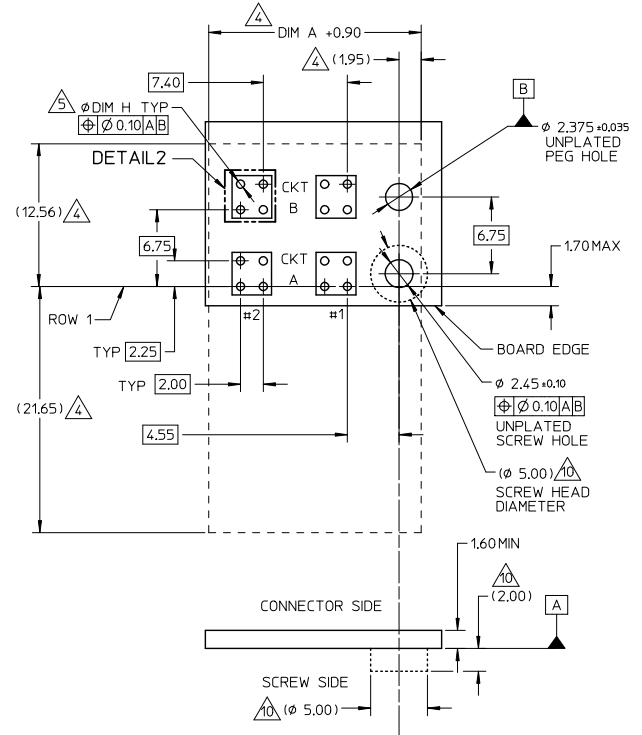


|                                                                                           |                                                            |                                                                                                                                     |                               |                                       |            |                            |            |                     |                        |                           |                                                                                                          |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|------------|----------------------------|------------|---------------------|------------------------|---------------------------|----------------------------------------------------------------------------------------------------------|
| CONSOLIDATE P/N<br>EC NO: S201-0389<br>DRAWN: SHONG<br>CHKD: LING<br>APPR: NAGESHKN<br>A5 | 2010/10/27                                                 | DESCRIPTION                                                                                                                         | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |            | DIMENSION STYLE<br>MM ONLY |            | SCALE<br>NTS        | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION | TITLE<br>I-TRAC POWER, 7 ROW<br>R/A RECEPTACLE, PRESSFIT<br>W/HOLD DOWN MODULE<br><br>MOLEX INCORPORATED |
|                                                                                           | 2010/11/03                                                 |                                                                                                                                     |                               |                                       |            |                            |            |                     |                        |                           |                                                                                                          |
|                                                                                           |                                                            |                                                                                                                                     |                               | mm                                    | INCH       | DRAWN BY                   | DATE       |                     |                        |                           |                                                                                                          |
|                                                                                           | 4 PLACES                                                   |                                                                                                                                     |                               | ± ---                                 | ± ---      | ANG                        | 2007/10/15 |                     |                        |                           |                                                                                                          |
|                                                                                           | 3 PLACES                                                   |                                                                                                                                     |                               | ± ---                                 | ± ---      | CHECKED BY                 | DATE       |                     |                        |                           |                                                                                                          |
|                                                                                           | 2 PLACES                                                   |                                                                                                                                     |                               | ± 0.25                                | ± ---      | LNG                        | 2007/11/30 |                     |                        |                           |                                                                                                          |
|                                                                                           | 1 PLACE                                                    |                                                                                                                                     |                               | ± ---                                 | ± ---      | APPROVED BY                | DATE       |                     |                        |                           |                                                                                                          |
|                                                                                           | ANGULAR ± 3 °                                              |                                                                                                                                     |                               | NAGESHKN                              | 2010/11/03 | MOLEX                      |            |                     |                        |                           |                                                                                                          |
|                                                                                           |                                                            |                                                                                                                                     |                               | MATERIAL NO.                          |            | DOCUMENT NO.               |            |                     |                        |                           |                                                                                                          |
|                                                                                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                     |                               | SEE TABLE                             |            | SD-78230-001               |            | SHEET NO.<br>2 OF 3 |                        |                           |                                                                                                          |
|                                                                                           |                                                            | A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |                                       |            |                            |            |                     |                        |                           |                                                                                                          |

RIGHT HOLD DOWN OPTION



RECOMMENDED PCB LAYOUT  
(CONNECTOR SIDE SHOWN)



|                                                                                                                         |             |                 |                                       |                                                            |                            |                     |              |                                                                                                                                  |                                                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|---------------------------------------|------------------------------------------------------------|----------------------------|---------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|
| CONSOLIDATE P/N<br>EC NO: S2011-0389<br>DRAWN:SHNG<br>2010/10/27<br>CHKD:NG<br>2010/11/03<br>APPR:NAGESHK<br>2010/11/03 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                            | DIMENSION STYLE<br>MM ONLY |                     | SCALE<br>NTS | DESIGN UNITS<br>METRIC                                                                                                           |  THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                         |             | ▽=0             |                                       | mm                                                         | INCH                       | DRAWN BY            | DATE         | TITLE<br>I-TRAC POWER, 7 ROW<br>R/A RECEPTACLE, PRESSFIT<br>W/HOLD DOWN MODULE                                                   |  MOLEX INCORPORATED        |  |
|                                                                                                                         |             | ▽=0             | 4 PLACES ± --- ± ---                  | ANG                                                        | 2007/10/15                 | CHECKED BY          | DATE         |                                                                                                                                  |                                                                                                                 |  |
|                                                                                                                         |             |                 | 3 PLACES ± --- ± ---                  | NG                                                         | 2007/11/30                 | APPROVED BY         | DATE         |                                                                                                                                  |                                                                                                                 |  |
|                                                                                                                         |             |                 | 2 PLACES ± 0.25 ± ---                 | NAGESHK                                                    | 2010/11/03                 | MATERIAL NO.        |              |                                                                                                                                  |                                                                                                                 |  |
|                                                                                                                         |             |                 | 1 PLACE ± --- ± ---                   | SEE TABLE                                                  | SD-78230-001               | SHEET NO.<br>3 OF 3 |              |                                                                                                                                  |                                                                                                                 |  |
|                                                                                                                         |             |                 | ANGULAR ± 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 |                                                                                                                 |  |
|                                                                                                                         |             |                 |                                       |                                                            |                            |                     |              |                                                                                                                                  |                                                                                                                 |  |
|                                                                                                                         |             |                 |                                       |                                                            |                            |                     |              |                                                                                                                                  |                                                                                                                 |  |
|                                                                                                                         |             |                 |                                       |                                                            |                            |                     |              |                                                                                                                                  |                                                                                                                 |  |
|                                                                                                                         |             |                 |                                       |                                                            |                            |                     |              |                                                                                                                                  |                                                                                                                 |  |