

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

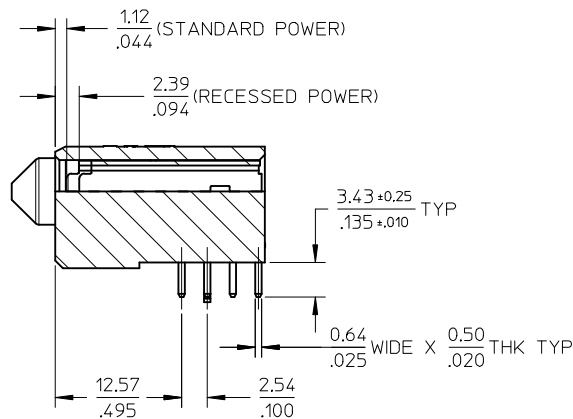
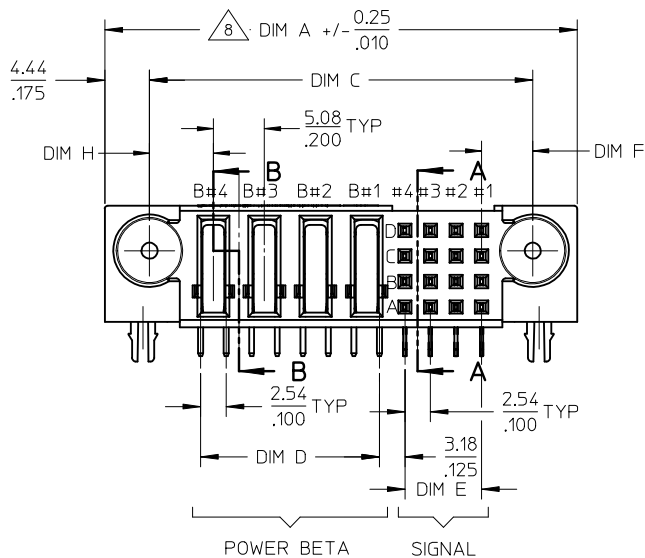
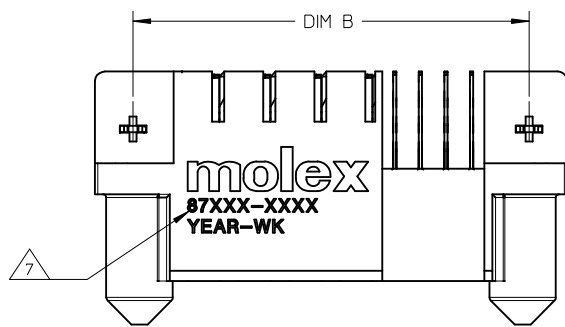
C

B

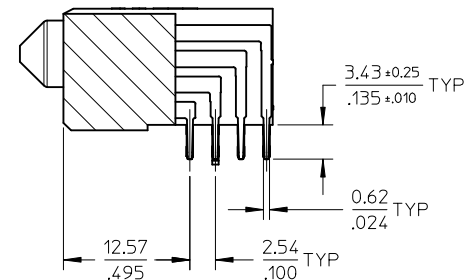
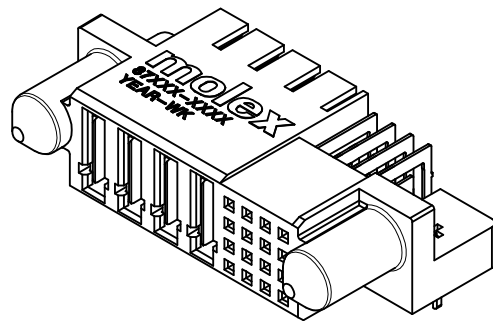
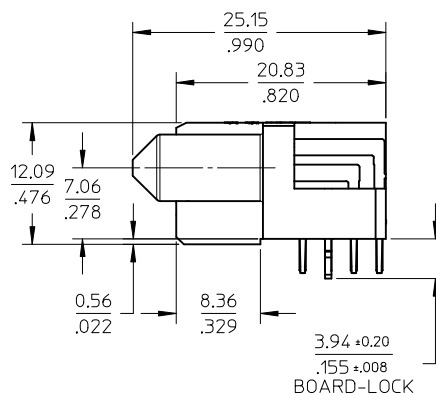
B

A

A



SECTION B-B

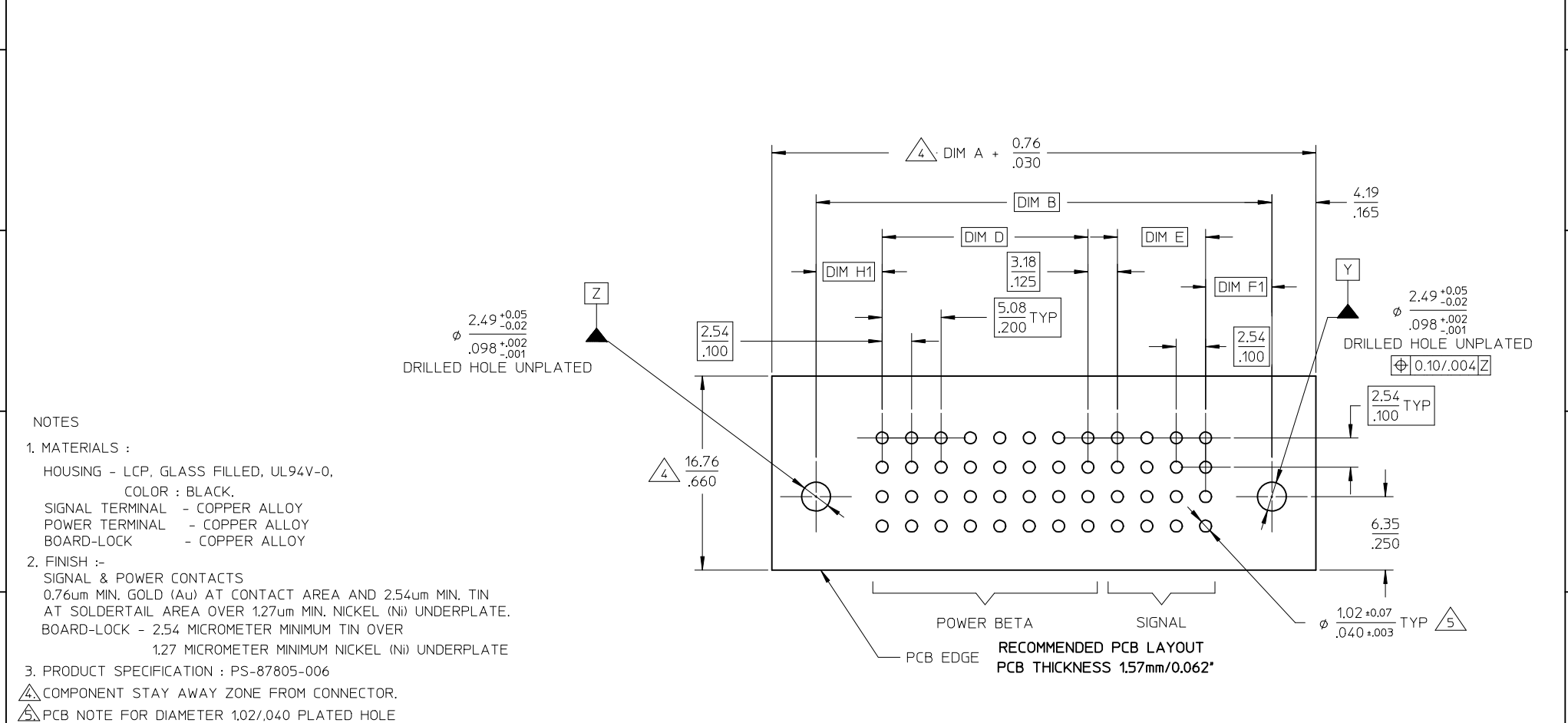


SECTION A-A

|         |                   |            |              |             |                 |                                                      |                 |            |                                                                                                                               |              |                                                                                                              |
|---------|-------------------|------------|--------------|-------------|-----------------|------------------------------------------------------|-----------------|------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------|
| REVISED | EC NO: S2014-0060 | DRWN:SKANG | 2013/07/22   | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE |            | SCALE                                                                                                                         | DESIGN UNITS |  THIRD ANGLE PROJECTION |
|         |                   | CHKD:MLONG | 2013/09/06   |             |                 |                                                      | MM/IN           |            | NTS                                                                                                                           | METRIC       |                                                                                                              |
|         |                   | APPR:MLONG | 2013/09/09   |             |                 |                                                      | DRAWN BY        | DATE       | TITLE                                                                                                                         |              |                                                                                                              |
|         |                   |            |              |             |                 |                                                      |                 |            |                                                                                                                               |              |                                                                                                              |
|         |                   |            |              |             |                 |                                                      | CHECKED BY      | DATE       | POWER CONN RECEPTACLE<br>5.08MM VERSION<br>S-P(B), R/A, T/H                                                                   |              |                                                                                                              |
|         |                   |            |              |             |                 |                                                      | PTLIM           | 2003/05/06 |                                                                                                                               |              |                                                                                                              |
|         |                   |            |              |             |                 |                                                      | APPROVED BY     | DATE       |                                                                                                                               |              |                                                                                                              |
|         |                   |            | SKTOH        | 2003/05/07  | <b>molex</b>    |                                                      |                 |            |                                                                                                                               |              |                                                                                                              |
|         |                   |            | MATERIAL NO. |             |                 |                                                      | DOCUMENT NO.    | SHEET NO.  |                                                                                                                               |              |                                                                                                              |
|         |                   |            | SEE TABLE    |             | SD-87808-001    |                                                      | 1 OF 2          |            |                                                                                                                               |              |                                                                                                              |
| B1      | REV               |            |              |             |                 | 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 |              |                                                                                                              |

9 8 7 6 5 4 3 2 1

| 10                      | 9                 |        | 8                              | 7              |                |                | 6              |               |              | 5            |              | 4            |           | 3 | 2 | 1 |
|-------------------------|-------------------|--------|--------------------------------|----------------|----------------|----------------|----------------|---------------|--------------|--------------|--------------|--------------|-----------|---|---|---|
| ASSEMBLY<br>PART NUMBER | P-S CONFIGURATION |        | RECESSED<br>POWER<br>CIRCUIT # | DIM A          | DIM B          | DIM C          | DIM D          | DIM E         | DIM H        | DIM H1       | DIM F        | DIM F1       | PACKAGING |   |   |   |
|                         | POWER<br>BETA     | SIGNAL |                                |                |                |                |                |               |              |              |              |              |           |   |   |   |
| 87808-3001              | 6                 | 16     | NIL                            | 58.42<br>2.300 | 50.80<br>2.000 | 49.53<br>1.950 | 27.94<br>1.100 | 7.62<br>.300  | 6.98<br>.275 | 6.35<br>.250 | 5.08<br>.200 | 5.72<br>.225 | TRAY      |   |   |   |
| 87808-3003              | 6                 | 24     | NIL                            | 63.51<br>2.500 | 55.81<br>2.200 | 54.61<br>2.150 | 27.94<br>1.100 | 12.70<br>.500 | 6.98<br>.275 | 6.35<br>.250 | 5.08<br>.200 | 5.72<br>.225 | TRAY      |   |   |   |



|                                                                                                                                                                                                  |  |  |  |  |                                                                                                                    |             |                                                                                                     |                                       |                                                                                                                               |                 |  |                 |              |                                                             |        |       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|--|-----------------|--------------|-------------------------------------------------------------|--------|-------|--|
| - DRILLED HOLE SIZE IS 1.151/.0453                                                                                                                                                               |  |  |  |  | REVISED<br>EC NO: S2014-0060<br>2013/07/22<br>DRWNS:KANG<br>CHKD:M.LONG<br>2013/09/06<br>APPR:M.LONG<br>2013/09/09 | DESCRIPTION | QUALITY SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>C</sub>=0</div> <div>F<sub>P</sub>=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                               | DIMENSION STYLE |  | SCALE           | DESIGN UNITS | THIRD ANGLE PROJECTION                                      |        |       |  |
| - PLATE WITH 0.007/.0003 MINIMUM TIN OVER 0.03/.001 TO 0.08/.003 COPPER PLATING TO ACHIEVE 1.02±0.08/.040±.003 HOLE.                                                                             |  |  |  |  |                                                                                                                    |             |                                                                                                     | mm                                    |                                                                                                                               | INCH            |  | MM/IN           |              | NTS                                                         | METRIC | TITLE |  |
| 6. ALL TERMINAL TIPS ARE DESIGNED WITH EXPOSE BASE COPPER. THIS IS CREATED BY FINAL CUTTING PROCESS.                                                                                             |  |  |  |  |                                                                                                                    |             |                                                                                                     | 4 PLACES ± --- ± ---                  |                                                                                                                               | BHL0W           |  | DATE 2003/04/24 |              | POWER CONN RECEPTACLE<br>5.08MM VERSION<br>S-P(B), R/A, T/H |        |       |  |
| △ MANUFACTURER LOGO, PART NUMBER AND YEAR-WEEK CODE.                                                                                                                                             |  |  |  |  |                                                                                                                    |             |                                                                                                     | 3 PLACES ± --- ± .010                 |                                                                                                                               | CHECKED BY      |  | DATE            |              |                                                             |        |       |  |
| △ 4 POWER BETA - 16 SIGNAL IS SHOWN FOR ILLUSTRATION. POWER-SIGNAL CONFIGURATION IS AVAILABLE UP TO 203MM/8INCH. PLEASE CONTACT MOLEX SALES PERSONNEL FOR OTHER CONFIGURATION AND OPTION NEEDED. |  |  |  |  |                                                                                                                    |             |                                                                                                     | 2 PLACES ± 0.25 ± ---                 |                                                                                                                               | PTLIM           |  | DATE 2003/05/06 |              | molex                                                       |        |       |  |
|                                                                                                                                                                                                  |  |  |  |  | 1 PLACE ± --- ± ---                                                                                                |             | APPROVED BY                                                                                         |                                       | DATE                                                                                                                          |                 |  |                 |              |                                                             |        |       |  |
|                                                                                                                                                                                                  |  |  |  |  | 0 PLACE ± ±                                                                                                        |             | SKTOH                                                                                               |                                       | DATE 2003/05/07                                                                                                               |                 |  |                 |              |                                                             |        |       |  |
|                                                                                                                                                                                                  |  |  |  |  | ANGULAR ± 3 °                                                                                                      |             | MATERIAL NO.                                                                                        |                                       | DOCUMENT NO.                                                                                                                  |                 |  |                 | SHEET NO.    |                                                             |        |       |  |
|                                                                                                                                                                                                  |  |  |  |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                               |             | SEE TABLE                                                                                           |                                       | SD-87808-001                                                                                                                  |                 |  |                 | 2 OF 2       |                                                             |        |       |  |
| B1                                                                                                                                                                                               |  |  |  |  | REV                                                                                                                |             | SIZE A3                                                                                             |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |  |                 |              |                                                             |        |       |  |

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