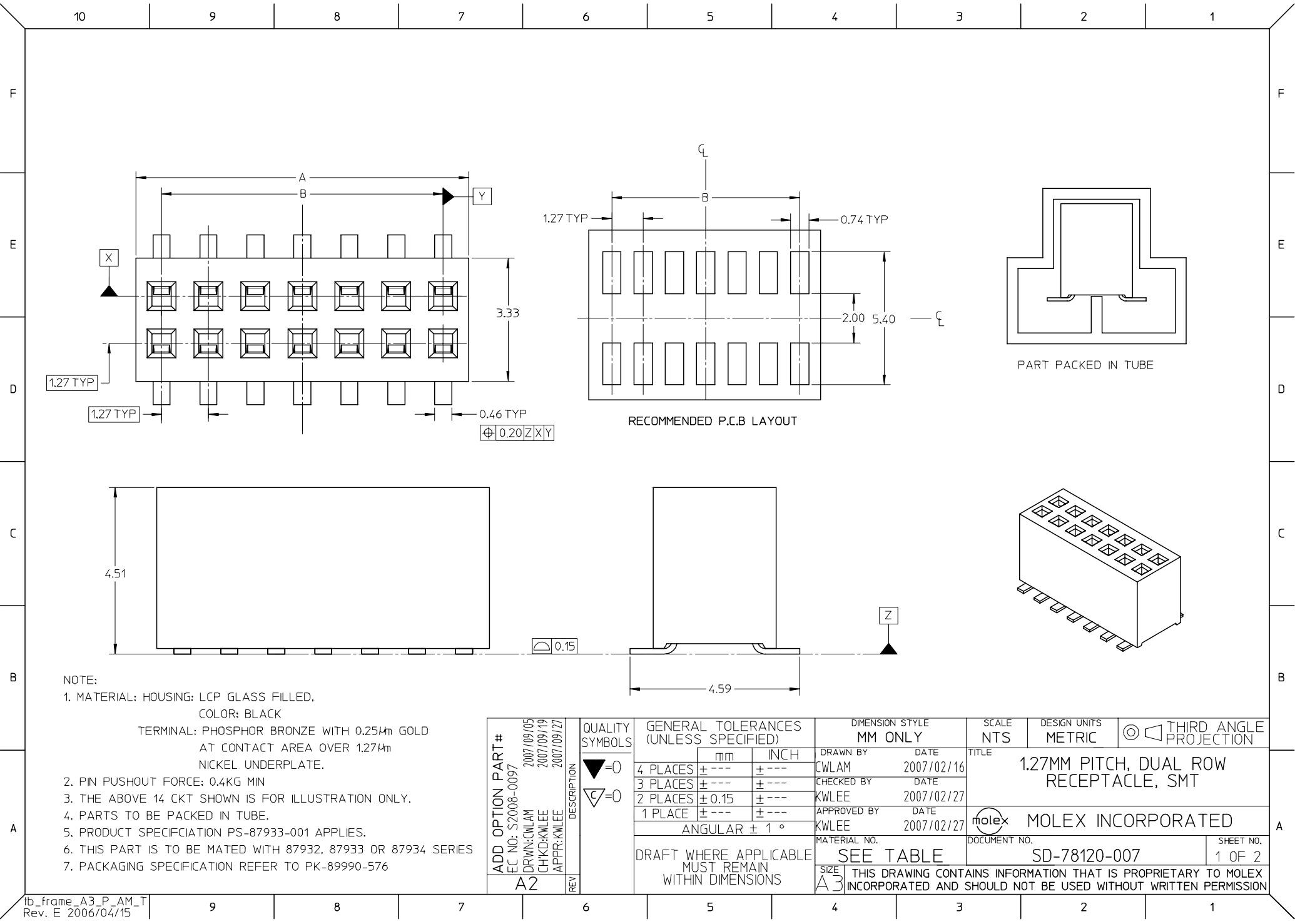




NOTE:  
1. MATERIAL: HOUSING: LCP GLASS FILLED,  
COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE WITH 0.25µm GOLD  
AT CONTACT AREA OVER 1.27mm  
NICKEL UNDERPLATE.  
2. PIN PUSHOUT FORCE: 0.4KG MIN  
3. THE ABOVE 14 CKT SHOWN IS FOR ILLUSTRATION ONLY.  
4. PARTS TO BE PACKED IN TUBE.  
5. PRODUCT SPECIFICATION PS-87933-001 APPLIES.  
6. THIS PART IS TO BE MATED WITH 87932, 87933 OR 87934 SERIES  
7. PACKAGING SPECIFICATION REFER TO PK-89990-576

|                                                                                       |                                                       |                                    |                                       |              |                            |                                                                                                                                  |              |                                                    |                           |       |  |  |
|---------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------|---------------------------------------|--------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------|---------------------------|-------|--|--|
| ADD OPTION PART#<br>EC NO: S2008-0097<br>DRWN:CWLAM<br>CHKD:KWLEE<br>APPR:KWLEE<br>A2 | DESCRIPTION<br>2007/09/05<br>2007/09/19<br>2007/09/27 | QUALITY SYMBOLS<br><br>▽=0<br>▽C=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                                                                                                                         | DATE         | TITLE<br>1.27MM PITCH, DUAL ROW<br>RECEPTACLE, SMT |                           |       |  |  |
|                                                                                       |                                                       |                                    | 4 PLACES                              | ± ---        | ± ---                      | CWLAM                                                                                                                            | 2007/02/16   |                                                    |                           |       |  |  |
|                                                                                       |                                                       |                                    | 3 PLACES                              | ± ---        | ± ---                      | CHECKED BY                                                                                                                       | DATE         |                                                    |                           |       |  |  |
|                                                                                       |                                                       |                                    | 2 PLACES                              | ± 0.15       | ± ---                      | KWLEE                                                                                                                            | 2007/02/27   | MOLEX INCORPORATED                                 |                           |       |  |  |
|                                                                                       |                                                       |                                    | 1 PLACE                               | ± ---        | ± ---                      | APPROVED BY                                                                                                                      | DATE         |                                                    |                           |       |  |  |
|                                                                                       |                                                       |                                    |                                       |              |                            | ANGULAR ± 1 °                                                                                                                    |              | KWLEE                                              | 2007/02/27                | MOLEX |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                            |                                                       |                                    |                                       | MATERIAL NO. |                            | DOCUMENT NO.                                                                                                                     |              | SHEET NO.                                          |                           |       |  |  |
|                                                                                       |                                                       |                                    |                                       | SEE TABLE    |                            | SD-78120-007                                                                                                                     |              | 1 OF 2                                             |                           |       |  |  |
|                                                                                       |                                                       |                                    |                                       | SIZE<br>A3   |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                                                    |                           |       |  |  |

|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|-----------------------------------------|--------------------|---|-------------|----------------|-----------|-------|---|---|---|---|--|---|--|--|--|
|                                         | 10                 | 9 | 8           | 7              | 6         | 5     | 4 | 3 | 2 | 1 |  |   |  |  |  |
| F                                       | P/N PACKED IN TUBE |   | CKT<br>SIZE | KAPTON<br>TAPE | DIMENSION |       |   |   |   |   |  | F |  |  |  |
|                                         |                    |   |             |                | A         | B     |   |   |   |   |  |   |  |  |  |
|                                         | 78120-0813         |   | 08          | NO             | 5.19      | 3.81  |   |   |   |   |  |   |  |  |  |
|                                         | 78120-1013         |   | 10          | NO             | 6.46      | 5.08  |   |   |   |   |  |   |  |  |  |
|                                         | 78120-2013         |   | 20          | NO             | 12.81     | 11.43 |   |   |   |   |  |   |  |  |  |
| E                                       | 78120-3013         |   | 30          | NO             | 19.16     | 17.78 |   |   |   |   |  |   |  |  |  |
|                                         | 78120-4013         |   | 40          | NO             | 25.51     | 24.13 |   |   |   |   |  |   |  |  |  |
|                                         | 78120-5013         |   | 50          | NO             | 31.86     | 30.48 |   |   |   |   |  |   |  |  |  |
|                                         | 78120-6013         |   | 60          | NO             | 38.21     | 36.83 |   |   |   |   |  |   |  |  |  |
|                                         | 78120-6813         |   | 68          | NO             | 43.29     | 41.91 |   |   |   |   |  |   |  |  |  |
| D                                       | 78120-7013         |   | 70          | NO             | 44.56     | 43.18 |   |   |   |   |  |   |  |  |  |
|                                         | 78120-8013         |   | 80          | NO             | 50.91     | 49.53 |   |   |   |   |  |   |  |  |  |
|                                         | 78120-9013         |   | 90          | NO             | 57.26     | 55.88 |   |   |   |   |  |   |  |  |  |
|                                         | 78120-0013         |   | 100         | NO             | 63.61     | 62.23 |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
| C                                       |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
| B                                       |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
| A                                       |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
|                                         |                    |   |             |                |           |       |   |   |   |   |  |   |  |  |  |
| ib_frame_A3_P_AM_T<br>Rev. E 2006/04/15 |                    | 9 | 8           | 7              | 6         | 5     | 4 | 3 | 2 | 1 |  |   |  |  |  |

|                                                                                                                                 |                    |                                                                                                                                                                                    |                                       |                                                                                                                               |                            |                      |                    |                                                 |                          |                              |                     |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------|--------------------|-------------------------------------------------|--------------------------|------------------------------|---------------------|
| ADD OPTION PART#<br>EC NO: S2008-0097<br>2007/09/05<br>DRWN:CWLAM<br>CHKD:KWLEE<br>APPR:KWLEE<br>2007/09/19<br>2007/09/27<br>A2 | DESCRIPTION<br>REV | QUALITY SYMBOLS                                                                                                                                                                    | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                               | DIMENSION STYLE<br>MM ONLY |                      | SCALE<br>NTS       | DESIGN UNITS<br>METRIC                          | THIRD ANGLE PROJECTION   |                              |                     |
|                                                                                                                                 |                    |  =0<br> =0 |                                       | mm                                                                                                                            | INCH                       | DRAWN BY<br>CWLAM    | DATE<br>2007/02/16 | TITLE<br>1.27MM PITCH, DUAL ROW RECEPTACLE, SMT | molex MOLEX INCORPORATED | DOCUMENT NO.<br>SD-78120-007 | SHEET NO.<br>2 OF 2 |
|                                                                                                                                 |                    |                                                                                                                                                                                    | 4 PLACES                              | ± ---                                                                                                                         | ± ---                      | CHECKED BY<br>KWLEE  | DATE<br>2007/02/27 |                                                 |                          |                              |                     |
|                                                                                                                                 |                    |                                                                                                                                                                                    | 3 PLACES                              | ± ---                                                                                                                         | ± ---                      | APPROVED BY<br>KWLEE | DATE<br>2007/02/27 |                                                 |                          |                              |                     |
|                                                                                                                                 |                    |                                                                                                                                                                                    | 2 PLACES                              | ± 0.15                                                                                                                        | ± ---                      |                      |                    |                                                 |                          |                              |                     |
|                                                                                                                                 |                    |                                                                                                                                                                                    | 1 PLACE                               | ± ---                                                                                                                         | ± ---                      |                      |                    |                                                 |                          |                              |                     |
|                                                                                                                                 |                    | ANGULAR ± 1 °                                                                                                                                                                      |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                    |                            | SEE TABLE            |                    |                                                 |                          |                              |                     |
|                                                                                                                                 |                    | SIZE<br>A3                                                                                                                                                                         |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                      |                    |                                                 |                          |                              |                     |

|                                                                                                                                  |             |                                                            |                                       |        |                            |              |                    |                                                    |                           |           |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|---------------------------------------|--------|----------------------------|--------------|--------------------|----------------------------------------------------|---------------------------|-----------|--|--|
| ADD OPTION PART#<br>EC NO: S2008-0097<br>DRWN:CWLAM 2007/09/05<br>CHKD:KWLEE 2007/09/19<br>APPR:KWLEE 2007/09/27<br><br>A2       | DESCRIPTION | QUALITY SYMBOLS                                            | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |              | SCALE<br>NTS       | DESIGN UNITS<br>METRIC                             | THIRD ANGLE<br>PROJECTION |           |  |  |
|                                                                                                                                  |             | ▽=0<br><br>∇=0                                             |                                       | mm     | INCH                       | DRAWN BY     | DATE               | TITLE<br>1.27MM PITCH, DUAL ROW<br>RECEPTACLE, SMT |                           |           |  |  |
|                                                                                                                                  |             |                                                            | 4 PLACES                              | ± ---  | ± ---                      | CWLAM        | 2007/02/16         |                                                    |                           |           |  |  |
|                                                                                                                                  |             |                                                            | 3 PLACES                              | ± ---  | ± ---                      | CHECKED BY   | DATE               |                                                    |                           |           |  |  |
|                                                                                                                                  |             |                                                            | 2 PLACES                              | ± 0.15 | ± ---                      | KWLEE        | 2007/02/27         |                                                    |                           |           |  |  |
|                                                                                                                                  |             |                                                            | 1 PLACE                               | ± ---  | ± ---                      | APPROVED BY  | DATE               |                                                    |                           |           |  |  |
|                                                                                                                                  |             | ANGULAR ± 1 °                                              |                                       |        | KWLEE                      | 2007/02/27   | MOLEX INCORPORATED |                                                    |                           |           |  |  |
|                                                                                                                                  |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                       |        |                            | MATERIAL NO. |                    | DOCUMENT NO.                                       |                           | SHEET NO. |  |  |
| SEE TABLE                                                                                                                        |             |                                                            |                                       |        |                            | SD-78120-007 |                    | 2 OF 2                                             |                           |           |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |                                                            |                                       |        |                            |              |                    |                                                    |                           |           |  |  |

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