

10 9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIAL:

HSG: PCT, 30% GLASS FILLED,UL 94V-0,  
COLOUR BLACK.

PIN: 0.50MM SQ PHOSPHOR BRONZE 510

2. PLATING:

\*\*\*5 - 0.05um MIN - 0.25um MAX GOLD IN CONTACT AREA,  
2.00um MIN TIN IN SOLDER TAIL AREA, BOTH OVER  
1.25um MIN NICKEL OVERALL

\*\*\*6 - 0.38um MIN GOLD IN CONTACT AREA,  
2.00um MIN TIN IN SOLDER TAIL AREA, BOTH OVER  
1.25um MIN NICKEL OVERALL

\*\*\*7 - 0.76um MIN GOLD IN CONTACT AREA,  
2.00um MIN TIN IN SOLDER TAIL AREA, BOTH OVER  
1.25um MIN NICKEL OVERALL

\*\*\*8 - 2.54um MIN TIN OVER  
1.25um MIN NICKEL OVERALL

3. 12 CKT USED FOR ILLUSTRATION ONLY

4. PART TO BE PACKED IN POCKET TRAY/TUBE (SEE TABLE).

5. PRODUCT SPEC PS-87761-100 APPLIES.

6. RECOMMENDED PCB BOARD THK 1.60±0.10 MM.

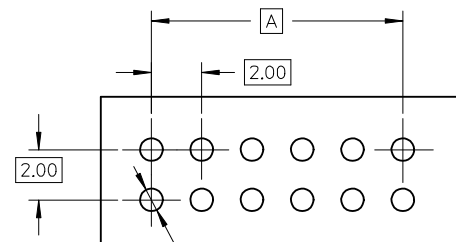
7. MATING LENGTH: 1 - 4.00MM  
2 - 3.50MM  
3 - 3.06MM  
4 - 5.75MM

8. PART NUMBERS THAT ARE UNAVAILABLE IN THIS SD:  
87760-0646, 87760-1046, 87760-1446, 87760-2446, 87760-4046.  
(REFER TO SD-87760-133 FOR THESE PART NUMBERS)

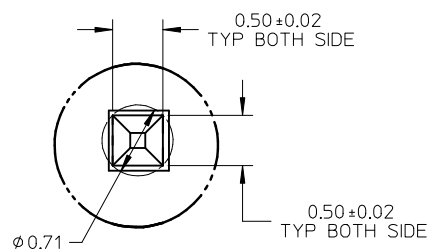
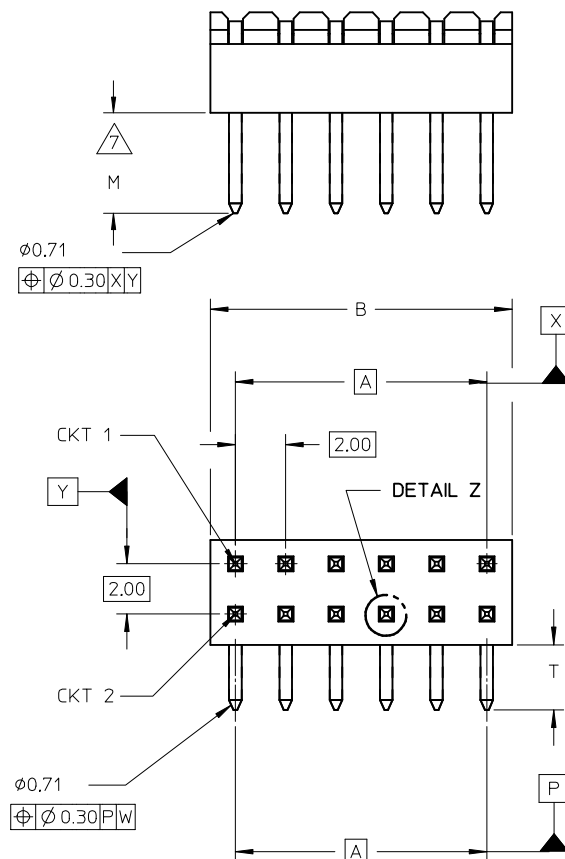
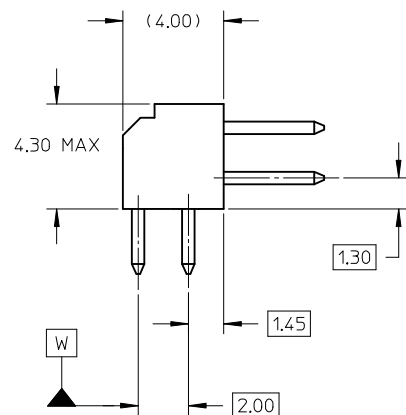
LEGEND:

87760 - \* \* \* \*

PLATING OPTION 2  
(SEE NOTE 2)  
MATING OPTION 7



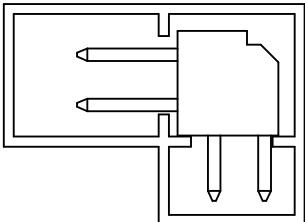
RECOMMENDED PCB LAYOUT



DETAIL Z

|                                                                                                                                  |                                                                                                     |             |                                                            |       |       |                            |                    |                                          |                        |                           |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|-------|-------|----------------------------|--------------------|------------------------------------------|------------------------|---------------------------|
| SHT 3, +87760-5516<br>EC NO: S2013-0842<br>DRW:NATSEE 2013/05/31<br>CHKD:SKANG 2013/06/28<br>APPR:MLONG 2013/07/08<br>REV        | QUALITY SYMBOLS<br><div>F<sub>A</sub>=0</div> <div>F<sub>G</sub>=0</div> <div>F<sub>P</sub>=0</div> | DESCRIPTION | 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>KSEE           | DATE<br>2003/10/15 | TITLE<br>MGRID, 2MM DUAL ROW HDR.<br>R/A |                        |                           |
|                                                                                                                                  |                                                                                                     |             | 4 PLACES                                                   | ± --- | ± --- | CHECKED BY<br>KCL ING      | DATE<br>2003/12/02 |                                          |                        |                           |
|                                                                                                                                  |                                                                                                     |             | 3 PLACES                                                   | ± --- | ± --- | APPROVED BY<br>SKTOH       | DATE<br>2003/12/11 |                                          |                        |                           |
|                                                                                                                                  |                                                                                                     |             | 2 PLACES                                                   | ± 0.2 | ± --- | MATERIAL NO.               | DOCUMENT NO.       |                                          |                        |                           |
|                                                                                                                                  |                                                                                                     |             | 1 PLACE                                                    | ± --- | ± --- | SEE TABLE                  | SD-87760-109       |                                          |                        |                           |
|                                                                                                                                  |                                                                                                     |             | 0 PLACE                                                    | ±     | ±     |                            |                    |                                          | SHEET NO.<br>1 OF 3    |                           |
| A16                                                                                                                              |                                                                                                     |             | 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 |                                                                                                     |             |                                                            |       |       |                            |                    |                                          |                        |                           |

9 8 7 6 5 4 3 2 1

|   |                                                                                              |                   |          |       |       |                                                                                                 |      |                |                                                                                                                    |   |  |
|---|----------------------------------------------------------------------------------------------|-------------------|----------|-------|-------|-------------------------------------------------------------------------------------------------|------|----------------|--------------------------------------------------------------------------------------------------------------------|---|--|
|   | 10                                                                                           | 9                 | 8        | 7     | 6     | 5                                                                                               | 4    | 3              | 2                                                                                                                  | 1 |  |
|   | PART NUMBER                                                                                  | VOID PIN LOCATION | CKT SIZE | A     | B     | M                                                                                               | T    | PACKAGING TYPE | <div></div> <p>PART IN TUBE</p> |   |  |
| F | 87760-04**                                                                                   | -                 | 04       | 2.00  | 4.00  | REFER TO NOTE  | 2.60 | TRAY           |                                                                                                                    |   |  |
|   | 87760-06**  | -                 | 06       | 4.00  | 6.00  |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-08**                                                                                   | -                 | 08       | 6.00  | 8.00  |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-10**  | -                 | 10       | 8.00  | 10.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-12**  | -                 | 12       | 10.00 | 12.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-14**  | -                 | 14       | 12.00 | 14.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
| E | 87760-16**                                                                                   | -                 | 16       | 14.00 | 16.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-18**                                                                                   | -                 | 18       | 16.00 | 18.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-20**                                                                                   | -                 | 20       | 18.00 | 20.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-22**                                                                                   | -                 | 22       | 20.00 | 22.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-24**  | -                 | 24       | 22.00 | 24.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
| D | 87760-26**                                                                                   | -                 | 26       | 24.00 | 26.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-28**                                                                                   | -                 | 28       | 26.00 | 28.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-30**                                                                                   | -                 | 30       | 28.00 | 30.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-32**                                                                                   | -                 | 32       | 30.00 | 32.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-34**                                                                                   | -                 | 34       | 32.00 | 34.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-36**                                                                                   | -                 | 36       | 34.00 | 36.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-38**                                                                                   | -                 | 38       | 36.00 | 38.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
| C | 87760-40**  | -                 | 40       | 38.00 | 40.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-42**                                                                                   | -                 | 42       | 40.00 | 42.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-44**                                                                                   | -                 | 44       | 42.00 | 44.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-46**                                                                                   | -                 | 46       | 44.00 | 46.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-48**                                                                                   | -                 | 48       | 46.00 | 48.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   | 87760-50**                                                                                   | -                 | 50       | 48.00 | 50.00 |                                                                                                 |      |                |                                                                                                                    |   |  |
|   |                                                                                              |                   |          |       |       |                                                                                                 |      |                |                                                                                                                    |   |  |
| B |                                                                                              |                   |          |       |       |                                                                                                 |      |                |                                                                                                                    |   |  |
|   |                                                                                              |                   |          |       |       |                                                                                                 |      |                |                                                                                                                    |   |  |
| A |                                                                                              |                   |          |       |       |                                                                                                 |      |                |                                                                                                                    |   |  |

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| SHT 3, +87760-5516<br>EC NO: S2013-0842<br>DRWN:ATSEE 2013/05/31<br>CHKD:SKANG 2013/06/28<br>APPR:MLONG 2013/07/08 | DESCRIPTION | QUALITY SYMBOLS                                                                                                                                                                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED) |            | DIMENSION STYLE<br>MM ONLY   |            | SCALE<br>NTS        | DESIGN UNITS<br>METRIC                | THIRD ANGLE PROJECTION |  |
|                                                                                                                    |             |  =0<br> =0<br> =0 |                                       | mm         | INCH                         | DRAWN BY   | DATE                | TITLE<br>MGRID, 2MM DUAL ROW HDR. R/A |                        |  |
|                                                                                                                    |             |                                                                                                                                                                                                                                                                               | 4 PLACES                              | ± ---      | ± ---                        | KSEE       | 2003/10/15          |                                       |                        |  |
|                                                                                                                    |             |                                                                                                                                                                                                                                                                               | 3 PLACES                              | ± ---      | ± ---                        | CHECKED BY | DATE                | molex                                 |                        |  |
|                                                                                                                    |             |                                                                                                                                                                                                                                                                               | 2 PLACES                              | ± 0.2      | ± ---                        | KCLING     | 2003/12/02          |                                       |                        |  |
| 1 PLACE                                                                                                            | ± ---       | ± ---                                                                                                                                                                                                                                                                         | APPROVED BY                           | DATE       | DOCUMENT NO.<br>SD-87760-109 |            |                     |                                       |                        |  |
| 0 PLACE                                                                                                            | ±           | ±                                                                                                                                                                                                                                                                             | SKTOH                                 | 2003/12/11 |                              |            | SHEET NO.<br>2 OF 3 |                                       |                        |  |
| ANGULAR ± 3 °                                                                                                      |             |                                                                                                                                                                                                                                                                               |                                       |            |                              |            |                     |                                       |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                               |             |                                                                                                                                                                                                                                                                               |                                       |            |                              |            |                     |                                       |                        |  |
| SIZE<br>A3                                                                                                         |             |                                                                                                                                                                                                                                                                               |                                       |            |                              |            |                     |                                       |                        |  |
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|                                                                                                                    | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9                                                                       | 8                                     | 7     | 6                                                                                                                                | 5                     | 4                  | 3                                        | 2                      | 1                   |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| F                                                                                                                  | PART NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VOID PIN LOCATIONS                                                      | CKT SIZE                              | A     | B                                                                                                                                | M                     | T                  | PACKAGING TYPE                           |                        |                     |  | F                                                                                                                  |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    | 87760-5116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5, 6 & 26                                                               | 50                                    | 48.00 | 50.00                                                                                                                            | REFER TO NOTE 7.      | 2.60               | TUBE                                     |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    | 87760-531*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                       | 24                                    | 22.00 | 24.00                                                                                                                            |                       | 1.50               | TRAY                                     |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    | 87760-5216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                       | 04                                    | 2.00  | 4.00                                                                                                                             |                       | 2.60               | TUBE                                     |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    | 87760-5416                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                       | 20                                    | 18.00 | 20.00                                                                                                                            |                       |                    |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    | 87760-5248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                       | 28                                    | 26.00 | 28.00                                                                                                                            |                       |                    |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| E                                                                                                                  | 87760-5516                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5, 6, 7, 8, 9, 10,<br>15, 16, 17, 18, 19, 20,<br>25, 26, 27, 28, 29, 30 | 34                                    | 32.00 | 34.00                                                                                                                            |                       |                    |                                          |                        |                     |  | E                                                                                                                  |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| D                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                       |       |                                                                                                                                  |                       |                    |                                          |                        |                     |  | D                                                                                                                  |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| C                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                       |       |                                                                                                                                  |                       |                    |                                          |                        |                     |  | C                                                                                                                  |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| B                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                       |       |                                                                                                                                  |                       |                    |                                          |                        |                     |  | B                                                                                                                  |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| A                                                                                                                  | <table><tr><td rowspan="5">SHT 3, +87760-5516<br/>EC NO: S2013-0842<br/>DRWN:ATSEE 2013/05/31<br/>CHKD:SKANG 2013/06/28<br/>APPR:WLONG 2013/07/08</td><td rowspan="5">DESCRIPTION<br/>REV</td><td>QUALITY SYMBOLS</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE<br/>MM ONLY</td><td>SCALE<br/>NTS</td><td>DESIGN UNITS<br/>METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td rowspan="4">=0<br/>=0<br/>=0</td><td></td><td>mm</td><td>INCH</td><td>DRAWN BY<br/>KSEE</td><td>DATE<br/>2003/10/15</td><td rowspan="4">TITLE<br/>MGRID, 2MM DUAL ROW HDR.<br/>R/A</td><td rowspan="4"><b>molex</b></td><td rowspan="4">SHEET NO.<br/>3 OF 3</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td><td>CHECKED BY<br/>KCL ING</td><td>DATE<br/>2003/12/02</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td><td>APPROVED BY</td><td>DATE</td></tr><tr><td>2 PLACES</td><td>± 0.2</td><td>± ---</td><td>SKTOH</td><td>2003/12/11</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td><td colspan="2"></td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td><td colspan="2">SEE TABLE</td><td colspan="2">SD-87760-109</td><td colspan="2"></td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</td><td colspan="2">SIZE<br/>A3</td><td colspan="6">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table> |                                                                         |                                       |       |                                                                                                                                  |                       |                    |                                          |                        |                     |  | SHT 3, +87760-5516<br>EC NO: S2013-0842<br>DRWN:ATSEE 2013/05/31<br>CHKD:SKANG 2013/06/28<br>APPR:WLONG 2013/07/08 | 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<br>=0 |  | mm | INCH | DRAWN BY<br>KSEE | DATE<br>2003/10/15 | TITLE<br>MGRID, 2MM DUAL ROW HDR.<br>R/A | <b>molex</b> | SHEET NO.<br>3 OF 3 | 4 PLACES | ± --- | ± --- | CHECKED BY<br>KCL ING | DATE<br>2003/12/02 | 3 PLACES | ± --- | ± --- | APPROVED BY | DATE | 2 PLACES | ± 0.2 | ± --- | SKTOH | 2003/12/11 | 1 PLACE | ± --- | ± --- | MATERIAL NO. |  | DOCUMENT NO. |  |  |  | 0 PLACE | ± | ± | SEE TABLE |  | SD-87760-109 |  |  |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |  | SIZE<br>A3 |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |  |  | A |
| SHT 3, +87760-5516<br>EC NO: S2013-0842<br>DRWN:ATSEE 2013/05/31<br>CHKD:SKANG 2013/06/28<br>APPR:WLONG 2013/07/08 | 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<br>=0                                                          |                                       | mm    | INCH                                                                                                                             | DRAWN BY<br>KSEE      | DATE<br>2003/10/15 | TITLE<br>MGRID, 2MM DUAL ROW HDR.<br>R/A | <b>molex</b>           | SHEET NO.<br>3 OF 3 |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         | 4 PLACES                              | ± --- | ± ---                                                                                                                            | CHECKED BY<br>KCL ING | DATE<br>2003/12/02 |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         | 3 PLACES                              | ± --- | ± ---                                                                                                                            | APPROVED BY           | DATE               |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         | 2 PLACES                              | ± 0.2 | ± ---                                                                                                                            | SKTOH                 | 2003/12/11         |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| 1 PLACE                                                                                                            | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ± ---                                                                   | MATERIAL NO.                          |       | DOCUMENT NO.                                                                                                                     |                       |                    |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| 0 PLACE                                                                                                            | ±                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±                                                                       | SEE TABLE                             |       | SD-87760-109                                                                                                                     |                       |                    |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         | SIZE<br>A3                            |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                    |                                          |                        |                     |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |
|                                                                                                                    | tb_frame_A3_P_AM_T<br>Rev. G 2012/01/11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9                                                                       | 8                                     | 7     | 6                                                                                                                                | 5                     | 4                  | 3                                        | 2                      | 1                   |  |                                                                                                                    |                    |                 |                                       |  |                            |  |              |                        |                        |  |                |  |    |      |                  |                    |                                          |              |                     |          |       |       |                       |                    |          |       |       |             |      |          |       |       |       |            |         |       |       |              |  |              |  |  |  |         |   |   |           |  |              |  |  |  |                                                            |  |  |            |  |                                                                                                                                  |  |  |  |  |  |   |