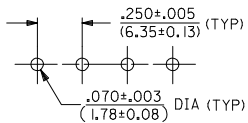


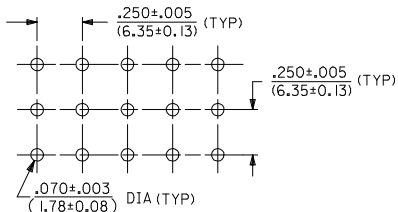
SEE CHARTS FOR "B" DIMENSION

P.C. BOARD MOUNTING DIMENSIONS

2, 3, & 4 POSITION HEADER ASSEMBLIES



6, 9, 12 & 15 POSITION HEADER ASSEMBLIES



NOTES:

- MATERIAL: NYLON PA6, UL94 V-2, COLOUR: NATURAL(WHITE)  
GLOW WIRE COMPATIBLE WITH CTI OF 325V
- TERMINAL PLATING: ES-88-P921  
140  $\mu$ n(3.5 $\mu$ ) MIN 240  $\mu$ n(6 $\mu$ ) MAX OVERALL TIN HOT-DIPPED
- TERMINAL FOR .062/(1.57) THICK PC BOARD
- DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE
- HEADER ASSEMBLY HOUSING MATE WITH:  
PLUG HOUSINGS .084/(2.13)DIA. SERIES 36643
- CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING
- REFER PACKAGING SPECIFICATION  
- PK-43255-001 FOR 2,3 & 4 CIRCUIT  
- PK-43255-003 FOR 6,9,12 & 15 CIRCUIT


RoHS COMPLIANT

| <b>DRAWING UPDATED</b><br>EC NO: 12017-0034<br>DRWN:SS06<br>CHKD:<br>APPR: SHWARG<br>REV: B | 2016/09/20<br>2016/09/26<br>DESCRIPTION | QUALITY SYMBOLS<br>$\nabla=0$<br>$\nabla=0$<br>$\nabla=0$ |        | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .010</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .015</td> <td>± .0006</td> </tr> <tr> <td>2 PLACES</td> <td>± .025</td> <td>± .0010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.36</td> <td>± .014</td> </tr> <tr> <td>0 PLACE</td> <td>± .---</td> <td>± .---</td> </tr> </tbody> </table> |  |                                                                                                                               | mm | INCH | 4 PLACES | ± .010 | ± .0004 | 3 PLACES | ± .015 | ± .0006 | 2 PLACES | ± .025 | ± .0010 | 1 PLACE | ± 0.36 | ± .014 | 0 PLACE | ± .--- | ± .--- | DIMENSION STYLE<br><b>IN/MM</b> | SCALE<br><b>NTS</b> | DESIGN UNITS<br><b>INCH</b> | THIRD ANGLE PROJECTION |
|---------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|----|------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|--------|---------|--------|--------|---------------------------------|---------------------|-----------------------------|------------------------|
|                                                                                             |                                         |                                                           | mm     | INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                               |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
|                                                                                             |                                         | 4 PLACES                                                  | ± .010 | ± .0004                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                               |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
|                                                                                             |                                         | 3 PLACES                                                  | ± .015 | ± .0006                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                               |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
| 2 PLACES                                                                                    | ± .025                                  | ± .0010                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                               |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
| 1 PLACE                                                                                     | ± 0.36                                  | ± .014                                                    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                               |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
| 0 PLACE                                                                                     | ± .---                                  | ± .---                                                    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                               |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
| DRAWN BY: SS06<br>DATE: 2016/04/18                                                          |                                         | CHECKED BY: SHWARG<br>DATE: 2016/05/09                    |        | APPROVED BY: SHWARG<br>DATE: 2016/05/09                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | TITLE<br><b>MLX HEADER ASSEMBLY<br/>.084/(2.13) DIA SERIES<br/>WITHOUT POLARISING PEG</b>                                     |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
| MATERIAL NO.                                                                                |                                         | DOCUMENT NO.                                              |        | <b>molex</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | SHEET NO.<br><b>1 OF 2</b>                                                                                                    |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                        |                                         | SEE CHART                                                 |        | SD-36757-0002                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |    |      |          |        |         |          |        |         |          |        |         |         |        |        |         |        |        |                                 |                     |                             |                        |

7 6 5 4 3 2 1

| PART NUMBER | CIRCUIT SIZE | PIN(1) OR SOCKET(2) TERMINALS | "B" DIM ±0.015 |
|-------------|--------------|-------------------------------|----------------|
| 36757-0101  | 2            | 1                             | 0.17/(4.3)     |
| 36757-0141  |              | 2                             |                |
| 36757-0102  | 3            | 1                             |                |
| 36757-0142  |              | 2                             |                |
| 36757-0103  | 4            | 1                             |                |
| 36757-0143  |              | 2                             |                |
| 36757-0104  | 6            | 1                             |                |
| 36757-0144  |              | 2                             |                |
| 36757-0105  | 9            | 1                             |                |
| 36757-0145  |              | 2                             |                |
| 36757-0106  | 12           | 1                             |                |
| 36757-0146  |              | 2                             |                |
| 36757-0107  | 15           | 1                             |                |
| 36757-0147  |              | 2                             |                |

RoHS COMPLIANT

|                                                                                                          |                                                                                               |                                       |       |                                                      |         |                                                                                                                               |                      |                                                                                  |                                                                                                                                      |  |      |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------|-------|------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--|------|
| <b>DRAWING UPDATED</b><br>EC NO: I2017-0034 2016/09/20<br>DRWN:SS06<br>CHKD:<br>APPR: ISHWARG 2016/09/26 | DESCRIPTION<br>QUALITY SYMBOLS<br>F <sub>A</sub> =0<br>F <sub>G</sub> =0<br>F <sub>B</sub> =0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DIMENSION STYLE<br>IN/MM                             |         | SCALE<br>NTS                                                                                                                  | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION                                                           |                                                                                                                                      |  |      |
|                                                                                                          |                                                                                               |                                       |       | mm                                                   | INCH    | DRAWN BY<br>SS06                                                                                                              | DATE<br>2016/04/18   | TITLE<br>MLX HEADER ASSEMBLY<br>.084/(2.13) DIA SERIES<br>WITHOUT POLARISING PEG |                                                                                                                                      |  |      |
|                                                                                                          |                                                                                               |                                       |       | 4 PLACES ± ---                                       | ± ---   | CHECKED BY                                                                                                                    |                      |                                                                                  |                                                                                                                                      |  | DATE |
|                                                                                                          |                                                                                               |                                       |       | 3 PLACES ± ---                                       | ± 0.010 | APPROVED BY<br>ISHWARG                                                                                                        |                      | DATE<br>2016/05/09                                                               | <br>DOCUMENT NO. SD-36757-0002 SHEET NO. 2 OF 2 |  |      |
|                                                                                                          |                                                                                               |                                       |       | 2 PLACES ± 0.25                                      | ± 0.014 | MATERIAL NO.                                                                                                                  |                      | SEE CHART                                                                        |                                                                                                                                      |  |      |
|                                                                                                          |                                                                                               | 1 PLACE ± 0.36                        | ± --- | ANGULAR ± 1/2°                                       |         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                                                                                  |                                                                                                                                      |  |      |
|                                                                                                          |                                                                                               | 0 PLACE ± ---                         | ± --- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         |                                                                                                                               |                      |                                                                                  |                                                                                                                                      |  |      |

6 5 4 3 2 1