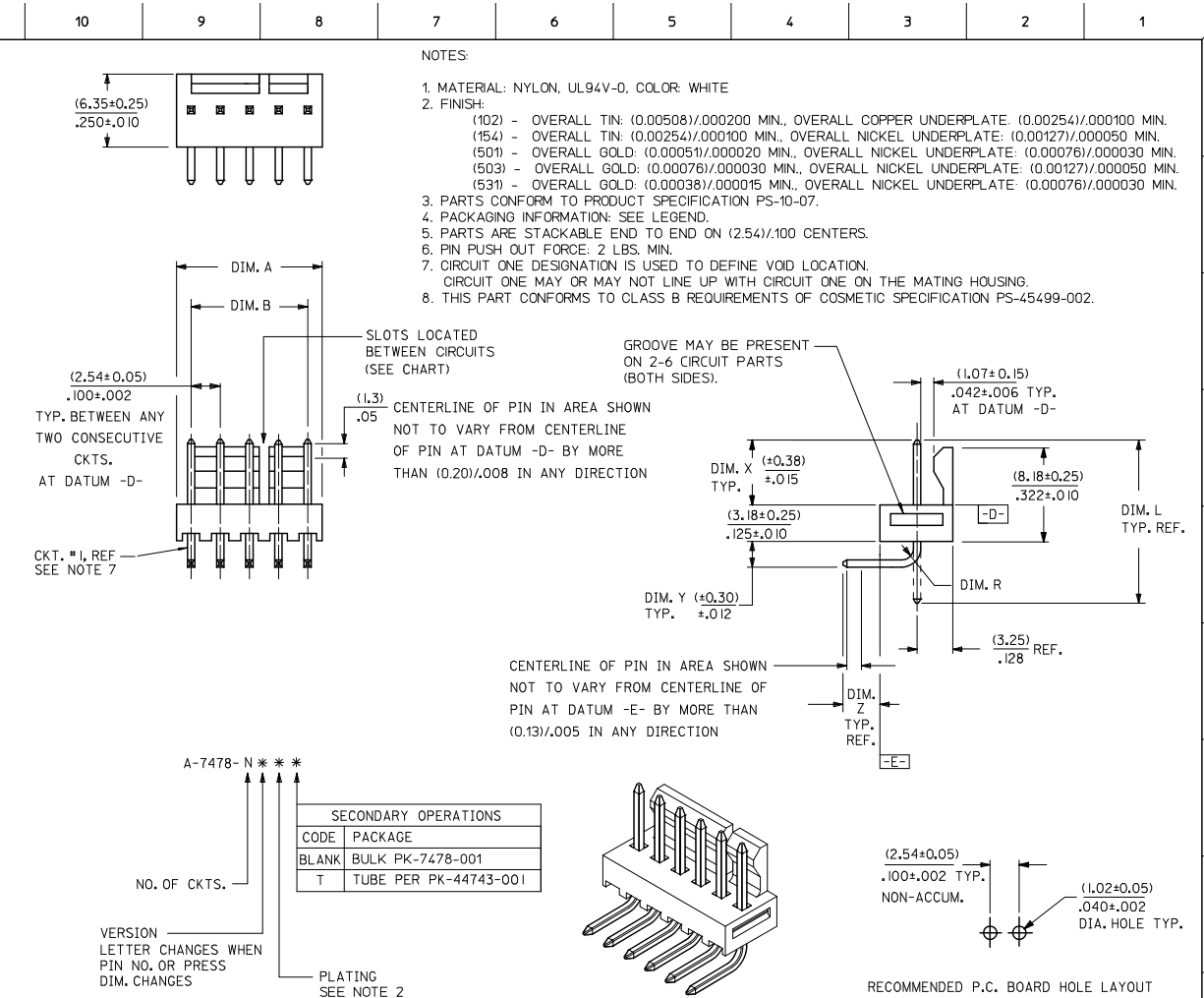


|    |                                    |                                  |                  |            |   |   |   |   |   |   |   |   |   |
|----|------------------------------------|----------------------------------|------------------|------------|---|---|---|---|---|---|---|---|---|
|    | 13                                 | 12                               | 11               | 10         | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 28 | ( 71.12 / 70.61 )<br>2.800 / 2.780 | ( 68.58 ± 0.25 )<br>2.700 ± .010 | 4 , 5<br>24 , 25 |            |   |   |   |   |   |   |   |   |   |
| 27 | ( 68.58 / 68.07 )<br>2.700 / 2.680 | ( 66.04 ± 0.25 )<br>2.600 ± .010 | 4 , 5<br>24 , 25 |            |   |   |   |   |   |   |   |   |   |
| 26 | ( 66.04 / 65.53 )<br>2.600 / 2.580 | ( 63.50 ± 0.25 )<br>2.500 ± .010 | 4 , 5<br>20 , 21 |            |   |   |   |   |   |   |   |   |   |
| 25 | ( 63.50 / 62.99 )<br>2.500 / 2.480 | ( 60.96 ± 0.25 )<br>2.400 ± .010 | 4 , 5<br>20 , 21 |            |   |   |   |   |   |   |   |   |   |
| 24 | ( 60.96 / 60.45 )<br>2.400 / 2.380 | ( 58.42 ± 0.25 )<br>2.300 ± .010 | 4 , 5<br>20 , 21 |            |   |   |   |   |   |   |   |   |   |
| 23 | ( 58.42 / 57.96 )<br>2.300 / 2.282 | ( 55.88 ± 0.23 )<br>2.200 ± .009 | 4 , 5<br>20 , 21 |            |   |   |   |   |   |   |   |   |   |
| 22 | ( 55.88 / 55.42 )<br>2.200 / 2.182 | ( 53.34 ± 0.23 )<br>2.100 ± .009 | 4 , 5<br>16 , 17 |            |   |   |   |   |   |   |   |   |   |
| 21 | ( 53.34 / 52.88 )<br>2.100 / 2.082 | ( 50.80 ± 0.23 )<br>2.000 ± .009 | 4 , 5<br>16 , 17 |            |   |   |   |   |   |   |   |   |   |
| 20 | ( 50.80 / 50.34 )<br>2.000 / 1.982 | ( 48.26 ± 0.23 )<br>1.900 ± .009 | 4 , 5<br>16 , 17 |            |   |   |   |   |   |   |   |   |   |
| 19 | ( 48.26 / 47.80 )<br>1.900 / 1.882 | ( 45.72 ± 0.23 )<br>1.800 ± .009 | 4 , 5<br>16 , 17 |            |   |   |   |   |   |   |   |   |   |
| 18 | ( 45.72 / 45.31 )<br>1.800 / 1.784 | ( 43.18 ± 0.20 )<br>1.700 ± .008 | 4 , 5<br>12 , 13 |            |   |   |   |   |   |   |   |   |   |
| 17 | ( 43.18 / 42.77 )<br>1.700 / 1.684 | ( 40.64 ± 0.20 )<br>1.600 ± .008 | 4 , 5<br>12 , 13 |            |   |   |   |   |   |   |   |   |   |
| 16 | ( 40.64 / 40.23 )<br>1.600 / 1.584 | ( 38.10 ± 0.20 )<br>1.500 ± .008 | 4 , 5<br>12 , 13 |            |   |   |   |   |   |   |   |   |   |
| 15 | ( 38.10 / 37.69 )<br>1.500 / 1.484 | ( 35.56 ± 0.20 )<br>1.400 ± .008 | 4 , 5<br>12 , 13 |            |   |   |   |   |   |   |   |   |   |
| 14 | ( 35.56 / 35.20 )<br>1.400 / 1.386 | ( 33.02 ± 0.18 )<br>1.300 ± .007 | 4 , 5<br>8 , 9   |            |   |   |   |   |   |   |   |   |   |
| 13 | ( 33.02 / 32.66 )<br>1.300 / 1.286 | ( 30.48 ± 0.18 )<br>1.200 ± .007 | 4 , 5<br>8 , 9   |            |   |   |   |   |   |   |   |   |   |
| 12 | ( 30.48 / 30.12 )<br>1.200 / 1.186 | ( 27.94 ± 0.18 )<br>1.100 ± .007 | 4 , 5<br>8 , 9   |            |   |   |   |   |   |   |   |   |   |
| 11 | ( 27.94 / 27.58 )<br>1.100 / 1.086 | ( 25.40 ± 0.18 )<br>1.000 ± .007 | 4 , 5<br>8 , 9   |            |   |   |   |   |   |   |   |   |   |
| 10 | ( 25.40 / 25.04 )<br>1.000 / .986  | ( 22.86 ± 0.15 )<br>.900 ± .006  | 4 , 5            |            |   |   |   |   |   |   |   |   |   |
| 9  | ( 22.86 / 22.50 )<br>.900 / .886   | ( 20.32 ± 0.15 )<br>.800 ± .006  | 4 , 5            |            |   |   |   |   |   |   |   |   |   |
| 8  | ( 20.32 / 19.96 )<br>.800 / .786   | ( 17.78 ± 0.15 )<br>.700 ± .006  | 4 , 5            |            |   |   |   |   |   |   |   |   |   |
| 7  | ( 17.78 / 17.42 )<br>.700 / .686   | ( 15.24 ± 0.13 )<br>.600 ± .005  | 4 , 5            |            |   |   |   |   |   |   |   |   |   |
| 6  | ( 15.24 / 14.88 )<br>.600 / .586   | ( 12.70 ± 0.13 )<br>.500 ± .005  | 4 , 5            |            |   |   |   |   |   |   |   |   |   |
| 5  | ( 12.70 / 12.40 )<br>.500 / .488   | ( 10.16 ± 0.13 )<br>.400 ± .005  | NONE             |            |   |   |   |   |   |   |   |   |   |
| 4  | ( 10.16 / 9.86 )<br>.400 / .388    | ( 7.62 ± 0.13 )<br>.300 ± .005   | NONE             |            |   |   |   |   |   |   |   |   |   |
| 3  | ( 7.62 / 7.32 )<br>.300 / .288     | ( 5.08 ± 0.10 )<br>.200 ± .004   | NONE             |            |   |   |   |   |   |   |   |   |   |
| 2  | ( 5.08 / 4.78 )<br>.200 / .188     | ( 2.54 ± 0.05 )<br>.100 ± .002   | NONE             |            |   |   |   |   |   |   |   |   |   |
| B  | NO. OF CKTS.                       | DIM. A                           | DIM. B           | SLOTS LOC. |   |   |   |   |   |   |   |   |   |



|     |    |  |  |
|-----|----|--|--|
| 7   | Y4 |  |  |
| 6   | W1 |  |  |
| 5   | Y8 |  |  |
| 4   | Y7 |  |  |
| 3   | Y9 |  |  |
| 2   | Y9 |  |  |
| 1   | Z  |  |  |
| REV |    |  |  |

|              |                     |             |            |
|--------------|---------------------|-------------|------------|
| ADD GROOVE   | EC NO. UCP2009-0785 | 2008/12/29  | 2009/01/30 |
| DRAWN/KIPPER | CHK/ROSS/SEK        | APPRO/SMLTH | 2009/01/30 |
| REV          |                     |             |            |

| QUALITY SYMBOLS |  |
|-----------------|--|
| ▽=0             |  |
| ▽=0             |  |

| GENERAL TOLERANCES (UNLESS SPECIFIED) |       |
|---------------------------------------|-------|
| 4 PLACES                              | ±.010 |
| 3 PLACES                              | ±.015 |
| 2 PLACES                              | ±.025 |
| 1 PLACE                               | ±.038 |
| ANGULAR ±1/2°                         |       |

| DIMENSION STYLE |            |
|-----------------|------------|
| MM/IN           |            |
| DRAWN BY        | DATE       |
| GUZIC           | 1987/07/30 |
| CHECKED BY      | DATE       |
| PATEL           | 1987/07/30 |
| APPROVED BY     | DATE       |
| LENZ            | 1987/07/30 |

|              |              |           |
|--------------|--------------|-----------|
| MATERIAL NO. | DOCUMENT NO. | SHEET NO. |
| SEE CHART    | SDA-7478     | 1 OF 7    |

TITLE: FRICTION LOCK HEADER ASY  
.100 CL BENT SQ PINS  
7478 SERIES DWG

MOLEX INCORPORATED

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|   |   | 13             | 12              | 11             | 10             | 9              | 8      | 7                  | 6        | 5            | 4        | 3          | 2  | 1  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|---|---|----------------|-----------------|----------------|----------------|----------------|--------|--------------------|----------|--------------|----------|------------|--|--|-----------------|----------|-----|------|---|--|---------------------------------------|------------|------------|------|------------|------|------------|-------------|-----------|------|--------------|--|---|--|-----------------|-------|-------|---|---|--------------------|-------|--|-----|--|--|------|------------------------|---|--|---|--|
| J   | ENG. NO.  | PIN NO.        | DIM. L          | DIM. X         | DIM. Z         | DIM. Y         | DIM. W | DIM. R             | ENG. NO. | PIN NO.      | DIM. L   | DIM. X     | DIM. Z   | DIM. Y   | DIM. W          | DIM. T   |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   | A-7478-NA I02   | 2766-4 (I02)   | (18.69)<br>.736 | (6.60)<br>.260 | (3.58)<br>.141 | (3.05)<br>.120 | 90°    | (1.17)<br>.046     |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   | A-7478-NA50I  | 2766-4 (K50 I) | (18.69)<br>.736 | (6.60)<br>.260 | (3.58)<br>.141 | (3.05)<br>.120 | 90°    | (1.17)<br>.046     |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| I   | A-7478-NA50IT   | 2766-4 (K50 I) | (18.69)<br>.736 | (6.60)<br>.260 | (3.58)<br>.141 | (3.05)<br>.120 | 90°    | (1.17)<br>.046     |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   | A-7478-NA I02T  | 2766-4 (I02)   | (18.69)<br>.736 | (6.60)<br>.260 | (3.58)<br>.141 | (3.05)<br>.120 | 90°    | (1.17)<br>.046     |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| H   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| G   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| F   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| E   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| D   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| C   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| B   | <table border="1"> <tr> <td rowspan="2">ADD A-7478-NA I02T</td> <td>REV</td> <td>DESCRIPTION</td> </tr> <tr> <td>Y9</td> <td>FRONT VIEW</td> </tr> </table> |                |                 |                |                |                |        | ADD A-7478-NA I02T | REV      | DESCRIPTION  | Y9       | FRONT VIEW | <table border="1"> <tr> <th colspan="2">QUALITY SYMBOLS</th> </tr> <tr> <td>▽=0</td> <td>▽=0</td> </tr> </table> |  | QUALITY SYMBOLS |          | ▽=0 | ▽=0  | <table border="1"> <tr> <th colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</th> </tr> <tr> <td>4 PLACES ±</td> <td>±---</td> </tr> <tr> <td>3 PLACES ±</td> <td>±---</td> </tr> <tr> <td>2 PLACES ±</td> <td>±---</td> </tr> <tr> <td>1 PLACE ±</td> <td>±---</td> </tr> <tr> <td colspan="2">ANGULAR ±---</td> </tr> </table> |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |            | 4 PLACES ± | ±--- | 3 PLACES ± | ±--- | 2 PLACES ± | ±---        | 1 PLACE ± | ±--- | ANGULAR ±--- |  | <table border="1"> <tr> <th colspan="2">DIMENSION STYLE</th> </tr> <tr> <td colspan="2">IN/MM</td> </tr> </table> |  | DIMENSION STYLE |       | IN/MM |   | <table border="1"> <tr> <th>SCALE</th> <th>DESIGN UNITS</th> </tr> <tr> <td>---</td> <td>INCH</td> </tr> </table> |                    | SCALE | DESIGN UNITS   | --- | INCH   | <table border="1"> <tr> <td colspan="2">THIRD ANGLE PROJECTION</td> </tr> </table> |      | THIRD ANGLE PROJECTION |   |  |   |  |
| ADD A-7478-NA I02T  | REV   | DESCRIPTION    |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
|   | Y9  | FRONT VIEW     |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| QUALITY SYMBOLS   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| ▽=0   | ▽=0   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| 4 PLACES ±  | ±---  |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| 3 PLACES ±  | ±---  |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| 2 PLACES ±  | ±---  |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| 1 PLACE ±   | ±---  |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| ANGULAR ±---  |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| DIMENSION STYLE   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| IN/MM   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| SCALE   | DESIGN UNITS  |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| ---   | INCH  |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| THIRD ANGLE PROJECTION  |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| A   | <table border="1"> <tr> <td>MATERIAL NO.</td> <td>SDA-7478</td> <td>DOCUMENT NO.</td> <td>SDA-7478</td> <td>SHEET NO.</td> <td>2 OF 7</td> </tr> </table>   |                |                 |                |                |                |        | MATERIAL NO.       | SDA-7478 | DOCUMENT NO. | SDA-7478 | SHEET NO.  | 2 OF 7   | <table border="1"> <tr> <td colspan="2">DRAWN BY</td> <td>DATE</td> </tr> <tr> <td colspan="2">SUZIK</td> <td>1987/07/10</td> </tr> <tr> <td colspan="2">CHECKED BY</td> <td>DATE</td> </tr> <tr> <td colspan="2">PATEL</td> <td>1987/07/10</td> </tr> <tr> <td colspan="2">APPROVED BY</td> <td>DATE</td> </tr> <tr> <td colspan="2">LENZ</td> <td>1987/07/10</td> </tr> </table> |                 | DRAWN BY |     | DATE | SUZIK   |  | 1987/07/10                            | CHECKED BY |            | DATE | PATEL      |      | 1987/07/10 | APPROVED BY |           | DATE | LENZ         |  | 1987/07/10  | <table border="1"> <tr> <td colspan="2">TITLE</td> </tr> <tr> <td colspan="2">FRICTION LOCK HEADER ASY<br/>.100 CL BENT SQ PINS<br/>7478 SERIES DWG</td> </tr> <tr> <td colspan="2">MOLEX INCORPORATED</td> </tr> </table> |                 | TITLE |       | FRICTION LOCK HEADER ASY<br>.100 CL BENT SQ PINS<br>7478 SERIES DWG |   | MOLEX INCORPORATED |       | <table border="1"> <tr> <td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td> </tr> <tr> <td>SIZE</td> <td>C</td> </tr> </table> |     | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SIZE | C                      | <table border="1"> <tr> <td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td> </tr> </table> |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |
| MATERIAL NO.  | SDA-7478  | DOCUMENT NO.   | SDA-7478        | SHEET NO.      | 2 OF 7         |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| DRAWN BY  |   | DATE           |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| SUZIK   |   | 1987/07/10     |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| CHECKED BY  |   | DATE           |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| PATEL   |   | 1987/07/10     |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| APPROVED BY   |   | DATE           |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| LENZ  |   | 1987/07/10     |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| TITLE   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| FRICTION LOCK HEADER ASY<br>.100 CL BENT SQ PINS<br>7478 SERIES DWG   |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| MOLEX INCORPORATED  |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
| SIZE  | C   |                |                 |                |                |                |        |                    |          |              |          |            |  |  |                 |          |     |      |   |  |                                       |            |            |      |            |      |            |             |           |      |              |  |   |  |                 |       |       |   |   |                    |       |  |     |  |  |      |                        |   |  |   |  |
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|  |  |   |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|--|--|---|-------------------------------|---|--|---------------------------|----------------|--------------------------|----------|---------------------|----------|---|----------|----------|--------|----------|-------|--------|---------|-------|--------|---------|--------|--|--------------------------|--|--------------|--|----------------------|--|------------------------|--|
|  | 13   | 12  | 11                            | 10  | 9  | 8                         | 7              | 6                        | 5        | 4                   | 3        | 2   | 1        |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | A-7478-NA I02  |   | A-7478-NA501                  |   | A-7478-NA501T  |                           | A-7478-NA I02T |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| J  | PART NO.   | ENG. NO.                                  | PART NO.                      | ENG. NO.                                  | PART NO.   | ENG. NO.                  | PART NO.       | ENG. NO.                 | PART NO. | ENG. NO.            | PART NO. | ENG. NO.  | PART NO. | ENG. NO. |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3021   | A-7478-2A I02                             | 22-12-2024                    | A-7478-2A501                              | 50-29-1710   | A-7478-2A501T             | 50-34-8500     | A-7478-2A I02T           |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3031   | A-7478-3A I02                             | 22-12-2034                    | A-7478-3A501                              | 50-29-1711   | A-7478-3A501T             | 50-34-8501     | A-7478-3A I02T           |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3041   | A-7478-4A I02                             | 22-12-2044                    | A-7478-4A501                              | 50-29-1705   | A-7478-4A501T             | 50-34-8502     | A-7478-4A I02T           |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| I  | 22-05-3051   | A-7478-5A I02                             | 22-12-2054                    | A-7478-5A501                              | 50-29-1712   | A-7478-5A501T             |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3061   | A-7478-6A I02                             | 22-12-2064                    | A-7478-6A501                              | 50-29-1713   | A-7478-6A501T             |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3071   | A-7478-7A I02                             | 22-12-2074                    | A-7478-7A501                              | 50-29-1714   | A-7478-7A501T             |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3081   | A-7478-8A I02                             | 22-12-2084                    | A-7478-8A501                              | 50-29-1715   | A-7478-8A501T             |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3091   | A-7478-9A I02                             | 22-12-2094                    | A-7478-9A501                              | 50-29-1716   | A-7478-9A501T             |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| H  | 22-05-3101   | A-7478-10A I02                            | 22-12-2104                    | A-7478-10A501                             | 50-29-1717   | A-7478-10A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3111   | A-7478-11A I02                            | 22-12-2114                    | A-7478-11A501                             | 50-29-1718   | A-7478-11A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3121   | A-7478-12A I02                            | 22-12-2124                    | A-7478-12A501                             | 50-29-1719   | A-7478-12A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3131   | A-7478-13A I02                            | 22-12-2134                    | A-7478-13A501                             | 50-29-1720   | A-7478-13A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3141   | A-7478-14A I02                            | 22-12-2144                    | A-7478-14A501                             | 50-29-1721   | A-7478-14A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| G  | 22-05-3151   | A-7478-15A I02                            | 22-12-2154                    | A-7478-15A501                             | 50-29-1722   | A-7478-15A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3161   | A-7478-16A I02                            | 22-12-2164                    | A-7478-16A501                             | 50-29-1723   | A-7478-16A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3171   | A-7478-17A I02                            | 22-12-2174                    | A-7478-17A501                             | 50-29-1724   | A-7478-17A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3181   | A-7478-18A I02                            | 22-12-2184                    | A-7478-18A501                             | 50-29-1725   | A-7478-18A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3191   | A-7478-19A I02                            | 22-12-2194                    | A-7478-19A501                             | 50-29-1726   | A-7478-19A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| F  | 22-05-3201   | A-7478-20A I02                            | 22-12-2204                    | A-7478-20A501                             | 50-29-1727   | A-7478-20A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3211   | A-7478-21A I02                            | 22-12-2214                    | A-7478-21A501                             | 50-29-1728   | A-7478-21A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3221   | A-7478-22A I02                            | 22-12-2224                    | A-7478-22A501                             | 50-29-1729   | A-7478-22A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3231   | A-7478-23A I02                            | 22-12-2234                    | A-7478-23A501                             | 50-29-1730   | A-7478-23A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3241   | A-7478-24A I02                            | 22-12-2244                    | A-7478-24A501                             | 50-29-1731   | A-7478-24A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3251   | A-7478-25A I02                            | 22-12-2254                    | A-7478-25A501                             | 50-29-1732   | A-7478-25A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3261   | A-7478-26A I02                            | 22-12-2264                    | A-7478-26A501                             | 50-29-1733   | A-7478-26A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| E  | 22-05-3271   | A-7478-27A I02                            | 22-12-2274                    | A-7478-27A501                             | 50-29-1734   | A-7478-27A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | 22-05-3281   | A-7478-28A I02                            | 22-12-2284                    | A-7478-28A501                             | 50-29-1735   | A-7478-28A501T            |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| D  |  |   |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| C  |  |   |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| B  |  |   |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| A  |  |   |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
|  | ADD PINS<br>EC NO. UCP2006-1815<br>2006/02/06<br>DRW:ADBR<br>2006/02/06<br>CHK:BELHAG<br>2006/02/06<br>APP:FSMTH<br>2006/02/09<br>REV<br>DESCRIPTION |   | QUALITY SYMBOLS<br>▽=0<br>▽=0 |   | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>3 PLACES</td> <td>±.008</td> <td>±.0008</td> </tr> <tr> <td>2 PLACES</td> <td>±.012</td> <td>±.0012</td> </tr> <tr> <td>1 PLACE</td> <td>±.015</td> <td>±.0015</td> </tr> <tr> <td>ANGULAR</td> <td>±.005°</td> <td></td> </tr> </table> |                           |                | mm                       | INCH     | 4 PLACES            | ±.005    | ±.0005  | 3 PLACES | ±.008    | ±.0008 | 2 PLACES | ±.012 | ±.0012 | 1 PLACE | ±.015 | ±.0015 | ANGULAR | ±.005° |  | DIMENSION STYLE<br>IN/MM |  | SCALE<br>--- |  | DESIGN UNITS<br>INCH |  | THIRD ANGLE PROJECTION |  |
|  | mm   | INCH                                      |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| 4 PLACES   | ±.005  | ±.0005                                    |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| 3 PLACES   | ±.008  | ±.0008                                    |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| 2 PLACES   | ±.012  | ±.0012                                    |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| 1 PLACE  | ±.015  | ±.0015                                    |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| ANGULAR  | ±.005°   |   |                               |   |  |                           |                |                          |          |                     |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| DRAWN BY<br>SUZIK<br>DATE<br>1987/07/10              |  | CHECKED BY<br>PATEL<br>DATE<br>1987/07/10 |                               | APPROVED BY<br>LENZ<br>DATE<br>1987/07/10 |  | MATERIAL NO.<br>SEE CHART |                | DOCUMENT NO.<br>SDA-7478 |          | SHEET NO.<br>3 OF 7 |          |   |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |   |                               |   |  |                           |                |                          |          |                     |          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |          |          |        |          |       |        |         |       |        |         |        |  |                          |  |              |  |                      |  |                        |  |

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