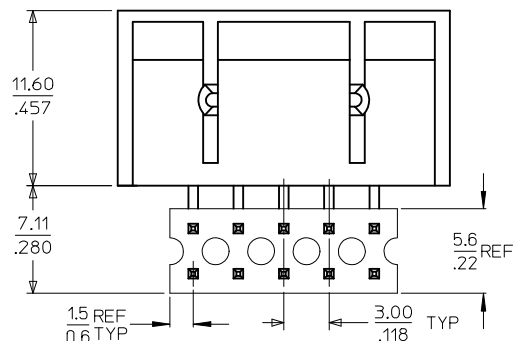
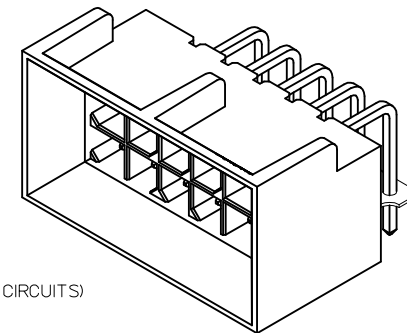
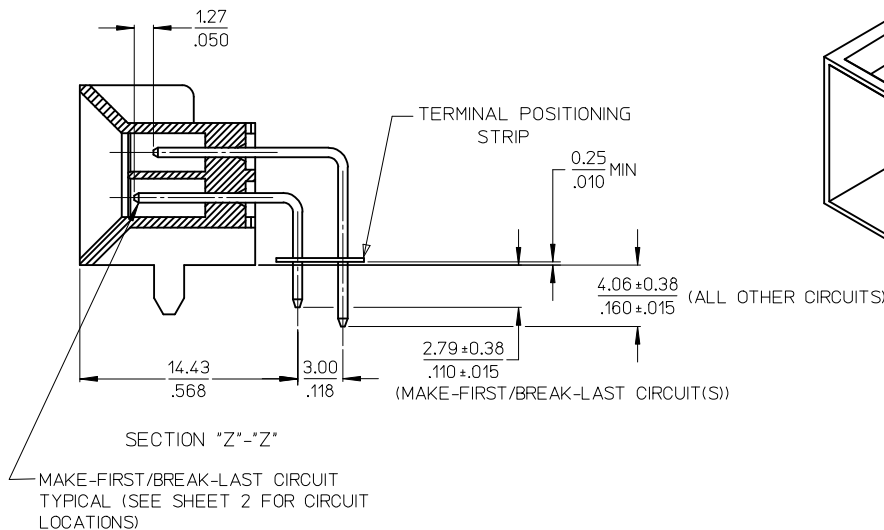
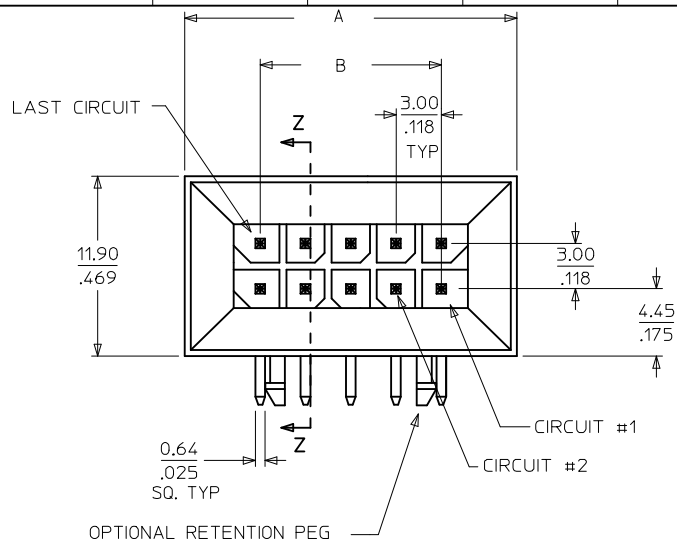
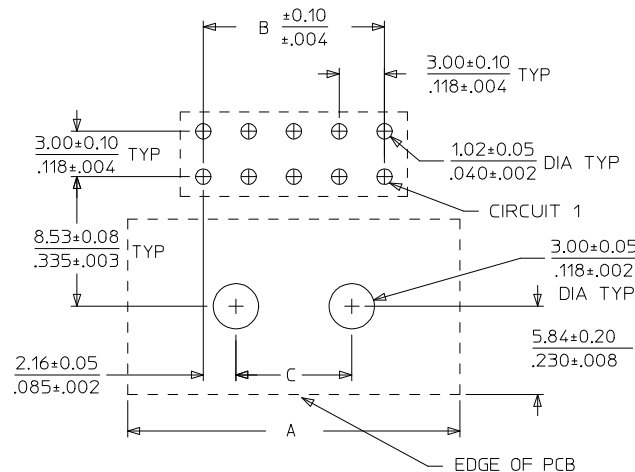




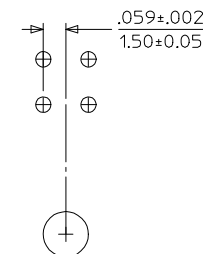
# NOTES :

- MATERIALS -  
HOUSING : NYLON 46, 30% GLASS-FILLED, UL94V-0, COLOR - BLACK  
TERMINAL : BRASS ALLOY  
TERMINAL POSITIONING STRIP : HIGH TEMPERATURE PET LAMINATE  
COLOR - NATURAL
- FINISH -  
A - .000200/(0.000508) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL.  
B - .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA,  
.000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS,  
BOTH OVER .000050/(0.00127) MIN. NICKEL.  
C - .000030/(0.00076) SELECT GOLD IN CONTACT AREA,  
AND .000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS,  
BOTH OVER .000050/(0.00127) MIN. NICKEL.  
D - .000100/(0.00254) MIN MATTE TIN OVER .000050/(0.00127) MIN NICKEL.

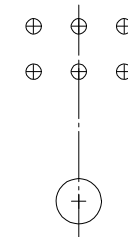
- PRODUCT SPECIFICATION : PS-44300-001
- PACKAGING SPECIFICATION : PK-44428-001
- THIS ASSEMBLY MATES WITH MOLEX BMI PANEL MOUNT RECEPTACLE SERIES 44133 WITH FEMALE CRIMP TERMINAL SERIES 43030 OR 46235, OR BMI RECEPTACLE HEADER SERIES 44764 (RIGHT ANGLE) AND 44769 (VERTICAL).
- PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS .062/157  
8 THRU 24 CIRCUITS



PCB LAYOUT:  
COMPONENT SIDE  
4 CIRCUIT ONLY



PCB LAYOUT:  
COMPONENT SIDE  
6 CIRCUIT ONLY

|                                                                                                                           |             |                                                                 |                                                            |       |                                                                                                                                  |                           |                    |                                                                                                      |                           |  |  |  |                              |                     |
|---------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|------------------------------------------------------------------------------------------------------|---------------------------|--|--|--|------------------------------|---------------------|
| POSITION STRIP MATL<br>EC NO: UCP2016-2887<br>DRAWN:SLAFTER 2016/01/20<br>CHKD:JDOFX 2016/01/20<br>APPR:FSMITH 2016/02/15 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       | DIMENSION STYLE<br>MM/IN                                                                                                         |                           | SCALE<br>---       | DESIGN UNITS<br>METRIC                                                                               | THIRD ANGLE<br>PROJECTION |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 |                                                            | mm    | INCH                                                                                                                             | DRAWN BY<br>GAVERRILL     | DATE<br>2008/06/24 | TITLE<br>MICRO-FIT (3.0) DUAL ROW<br>RIGHT ANGLE BMI HEADER<br>MAKE-FIRST/BREAK-LAST<br><b>molex</b> |                           |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 | 4 PLACES                                                   | ±---  | ±---                                                                                                                             | CHECKED BY<br>SSOUSEK     | DATE<br>2008/06/30 |                                                                                                      |                           |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 | 3 PLACES                                                   | ±---  | ±.010                                                                                                                            | APPROVED BY<br>FSMITH     | DATE<br>2016/02/15 |                                                                                                      |                           |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 | 2 PLACES                                                   | ±0.25 | ±.015                                                                                                                            | MATERIAL NO.<br>SEE CHART |                    |                                                                                                      |                           |  |  |  | DOCUMENT NO.<br>SD-44428-004 | SHEET NO.<br>1 OF 2 |
|                                                                                                                           |             |                                                                 | 1 PLACE                                                    | ±0.38 | ±---                                                                                                                             |                           |                    |                                                                                                      |                           |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 | 0 PLACE                                                    | ±---  | ±---                                                                                                                             |                           |                    |                                                                                                      |                           |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 | ANGULAR ±1/2°                                              |       |                                                                                                                                  |                           |                    |                                                                                                      |                           |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |                                                                                                                                  |                           |                    |                                                                                                      |                           |  |  |  |                              |                     |
|                                                                                                                           |             |                                                                 | A13                                                        | REV   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                           |                    |                                                                                                      |                           |  |  |  |                              |                     |

|                                        |  | 13                               |      | 12               |                         | 11                    |                       | 10                    |                                                                                                                           | 9        |          | 8        |                                         | 7        |                                                                                                                                                                               | 6        |          | 5         |                                                                                                                                                     | 4         |           | 3         |                                        | 2         |           | 1         |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|----------------------------------------|--|----------------------------------|------|------------------|-------------------------|-----------------------|-----------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|-----------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|----------------------------------------|-----------|-----------|-----------|---------------------------|-----------|-----------|-----------|--------------------------------------------------------------------------------------|-----------|--|--|-------|--|--|--|----------------------------------------------------------------------------------|--|--|--|
|                                        |  | X= MAKE-FIRST/BREAK-LAST CIRCUIT |      |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | MATERIAL NO:                     | CKTS | FINISH<br>OPTION | RETENTION<br>PEG OPTION | DIM A                 | DIM B                 | DIM C                 | CKT<br>1                                                                                                                  | CKT<br>2 | CKT<br>3 | CKT<br>4 | CKT<br>5                                | CKT<br>6 | CKT<br>7                                                                                                                                                                      | CKT<br>8 | CKT<br>9 | CKT<br>10 | CKT<br>11                                                                                                                                           | CKT<br>12 | CKT<br>13 | CKT<br>14 | CKT<br>15                              | CKT<br>16 | CKT<br>17 | CKT<br>18 | CKT<br>19                 | CKT<br>20 | CKT<br>21 | CKT<br>22 | CKT<br>23                                                                            | CKT<br>24 |  |  |       |  |  |  |                                                                                  |  |  |  |
| J                                      |  | 44428-0432                       | 04   | B                | YES                     | <u>13.00</u><br>.512  | <u>3.00</u><br>.118   | N/A                   |                                                                                                                           | X        |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | 44428-0632                       | 06   | B                | YES                     | <u>16.00</u><br>.630  | <u>6.00</u><br>.236   | N/A                   |                                                                                                                           |          |          |          | X                                       |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| I                                      |  | 44428-0832                       | 08   | B                | YES                     | <u>19.00</u><br>.748  | <u>9.00</u><br>.354   | <u>4.68</u><br>.184   |                                                                                                                           |          |          |          |                                         |          | X                                                                                                                                                                             |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | 44428-0833                       | 08   | C                | YES                     | <u>19.00</u><br>.748  | <u>9.00</u><br>.354   | <u>4.68</u><br>.184   |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               | X        |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | 44428-1032                       | 10   | B                | YES                     | <u>22.00</u><br>.866  | <u>12.00</u><br>.472  | <u>7.68</u><br>.302   | X                                                                                                                         | X        | X        | X        | X                                       | X        | X                                                                                                                                                                             | X        |          | X         |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| H                                      |  | 44428-1037                       | 10   | D                | YES                     | <u>22.00</u><br>.866  | <u>12.00</u><br>.472  | <u>7.68</u><br>.302   |                                                                                                                           |          |          | X        |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  |                                  | 12   |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | 44428-1433                       | 14   | C                | YES                     | <u>28.00</u><br>1.102 | <u>18.00</u><br>.709  | <u>13.68</u><br>.539  |                                                                                                                           |          |          |          |                                         |          | X                                                                                                                                                                             |          |          |           |                                                                                                                                                     |           |           |           | X                                      |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  |                                  | 16   |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| G                                      |  | 44428-1831                       | 18   | A                | YES                     | <u>34.00</u><br>1.338 | <u>24.00</u><br>.945  | <u>19.68</u><br>.775  | X                                                                                                                         | X        | X        | X        | X                                       | X        | X                                                                                                                                                                             | X        | X        | X         | X                                                                                                                                                   | X         | X         | X         | X                                      | X         | X         |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | 44428-1833                       | 18   | C                | YES                     | <u>34.00</u><br>1.338 | <u>24.00</u><br>.945  | <u>19.68</u><br>.775  | X                                                                                                                         | X        | X        | X        | X                                       | X        | X                                                                                                                                                                             | X        | X        | X         | X                                                                                                                                                   | X         | X         | X         | X                                      | X         | X         |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  |                                  | 20   |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| F                                      |  | 44428-2231                       | 22   | D                | YES                     | <u>40.00</u><br>1.575 | <u>30.00</u><br>1.181 | <u>25.68</u><br>1.011 |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           | X                                      | X         | X         | X         | X                         | X         |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | 44428-2232                       | 22   | B                | YES                     | <u>40.00</u><br>1.575 | <u>30.00</u><br>1.181 | <u>25.68</u><br>1.011 |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           | X                                      | X         | X         | X         | X                         | X         |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  | 44428-2233                       | 22   | C                | YES                     | <u>40.00</u><br>1.575 | <u>30.00</u><br>1.181 | <u>25.68</u><br>1.011 |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           | X                                      | X         | X         | X         | X                         | X         |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| E                                      |  | 44428-2431                       | 24   | D                | YES                     | <u>43.00</u><br>1.693 | <u>33.00</u><br>1.299 | <u>28.68</u><br>1.129 |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        | X         | X         | X         | X                         | X         | X         | X         |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  |                                  |      |                  |                         |                       |                       |                       | CKT<br>1                                                                                                                  | CKT<br>2 | CKT<br>3 | CKT<br>4 | CKT<br>5                                | CKT<br>6 | CKT<br>7                                                                                                                                                                      | CKT<br>8 | CKT<br>9 | CKT<br>10 | CKT<br>11                                                                                                                                           | CKT<br>12 | CKT<br>13 | CKT<br>14 | CKT<br>15                              | CKT<br>16 | CKT<br>17 | CKT<br>18 | CKT<br>19                 | CKT<br>20 | CKT<br>21 | CKT<br>22 | CKT<br>23                                                                            | CKT<br>24 |  |  |       |  |  |  |                                                                                  |  |  |  |
| D                                      |  |                                  |      |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| C                                      |  |                                  |      |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| B                                      |  |                                  |      |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| A                                      |  |                                  |      |                  |                         |                       |                       |                       |                                                                                                                           |          |          |          |                                         |          |                                                                                                                                                                               |          |          |           |                                                                                                                                                     |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
|                                        |  |                                  |      |                  |                         |                       |                       |                       | SEE SHEET 1<br>EC NO: UCP2016-2887<br>2016/01/20<br>DRW:CSLAFTER<br>CHKD:JDFOX<br>2016/01/20<br>APPR:FSMITH<br>2016/02/15 |          |          |          | QUALITY<br>SYMBOLS<br>▽=0<br>▽=0<br>▽=0 |          | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .015<br>1 PLACE ± 0.38 ± ---<br>0 PLACE ± --- ± --- |          |          |           | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>GAVERRILL 2008/06/24<br>CHECKED BY DATE<br>SSOUSEK 2008/06/30<br>APPROVED BY DATE<br>FSMITH 2016/02/15 |           |           |           | SCALE<br>---<br>DESIGN UNITS<br>METRIC |           |           |           | THIRD ANGLE<br>PROJECTION |           |           |           | TITLE<br>MICRO-FIT (3.0) DUAL ROW<br>RIGHT ANGLE BMI HEADER<br>MAKE-FIRST/BREAK-LAST |           |  |  | molex |  |  |  | MATERIAL NO.<br>SEE CHART<br>DOCUMENT NO.<br>SD-44428-004<br>SHEET NO.<br>2 OF 2 |  |  |  |
|                                        |  |                                  |      |                  |                         |                       |                       |                       | A13                                                                                                                       |          |          |          | REV                                     |          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                    |          |          |           | SIZE<br>C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION          |           |           |           |                                        |           |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |
| lb_frame_C_P_AM_T<br>Rev. G 2012/01/11 |  | 12                               |      | 11               |                         | 10                    |                       | 9                     |                                                                                                                           | 8        |          | 7        |                                         | 6        |                                                                                                                                                                               | 5        |          | 4         |                                                                                                                                                     | 3         |           | 2         |                                        | 1         |           |           |                           |           |           |           |                                                                                      |           |  |  |       |  |  |  |                                                                                  |  |  |  |