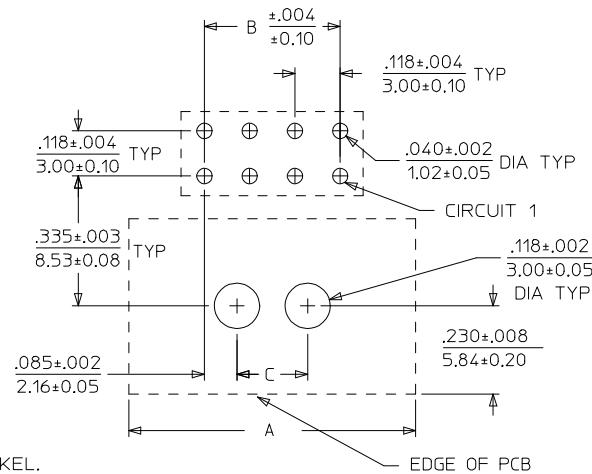
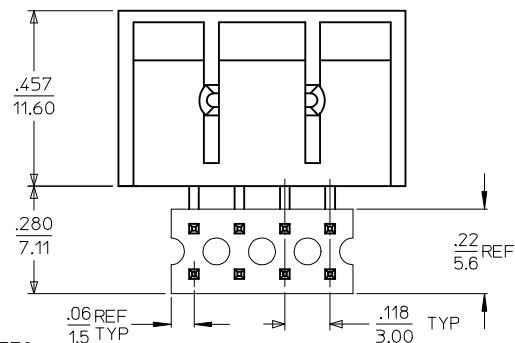
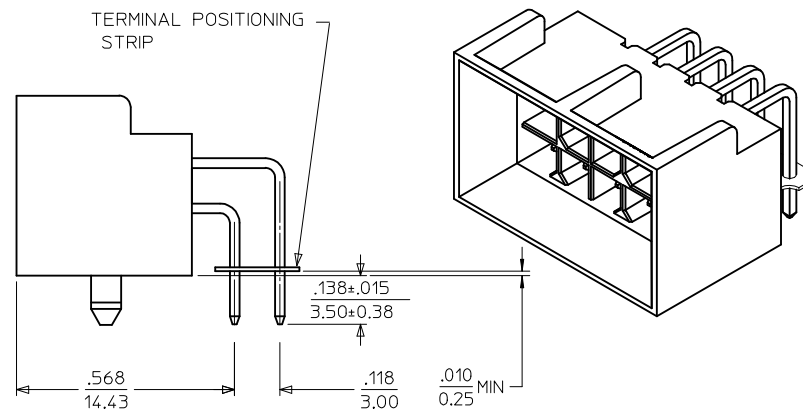
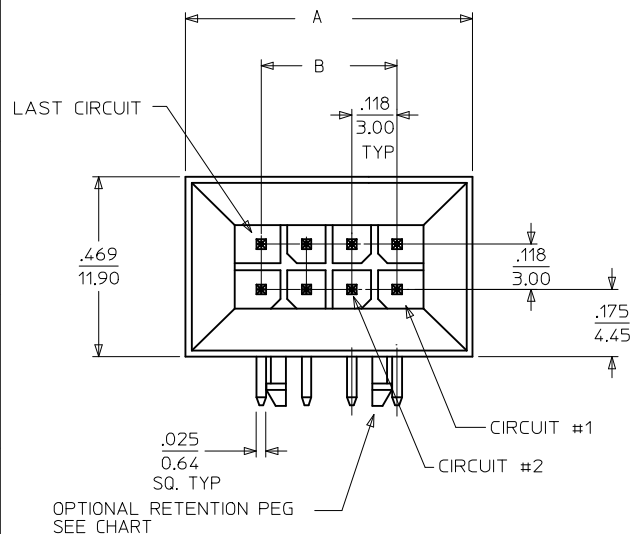


PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS .062/1.57  
8 THRU 24 CIRCUITS

PCB LAYOUT:  
COMPONENT SIDE  
4 CIRCUIT ONLY

PCB LAYOUT:  
COMPONENT SIDE  
6 CIRCUIT ONLY

- NOTES :
- MATERIALS -  
HOUSING : NYLON , GLASS-FILLED, UL94V-0 COLOR - BLACK  
TERMINAL : BRASS ALLOY  
TERMINAL POSITIONING STRIP : HIGH TEMPERATURE PET LAMINATE, COLOR - NATURAL
  - FINISH:  
A= .000200/(0.00508) 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) MIN. SELECT GOLD IN CONTACT AREA, .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 (SEE DRAWING SD-44133-001) WITH FEMALE CRIMP TERMINAL (SEE DRAWING SD-43030-\*\*\*\*) AND BMI RECEPTACLE HEADERS (SEE DRAWING SD-44764-001 OR SD-44769-001).
  - THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

|                                                                                           |     |             |                 |                                       |  |  |                                                                                                                               |            |              |              |                        |                                                                                      |
|-------------------------------------------------------------------------------------------|-----|-------------|-----------------|---------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------|------------|--------------|--------------|------------------------|--------------------------------------------------------------------------------------|
| POSITION STRIP MATL<br>EC NO: UCP2016-2887<br>DRAWN:SLAFTER<br>CHKD:JDOFOX<br>APPR:FSMITH | REV | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |  | DIMENSION STYLE                                                                                                               |            | SCALE        | DESIGN UNITS | THIRD ANGLE PROJECTION | TITLE<br>MICRO FIT (3.0)<br>DUAL ROW RIGHT ANGLE<br>BMI HEADER ASS'Y<br><b>molex</b> |
|                                                                                           |     |             |                 |                                       |  |  | IN/MM                                                                                                                         |            | 4:1          | METRIC       |                        |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | DRAWN BY                                                                                                                      | DATE       | TITLE        |              |                        |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | CHECKED BY                                                                                                                    | DATE       |              |              |                        |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | MUELLER                                                                                                                       | 1999/11/29 |              |              |                        |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | APPROVED BY                                                                                                                   | DATE       |              |              |                        |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | FSMITH                                                                                                                        | 2016/02/15 |              |              |                        |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | MATERIAL NO.                                                                                                                  |            | DOCUMENT NO. |              | SHEET NO.              |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | SEE CHART                                                                                                                     |            | SD-44428-001 |              | 1 OF 2                 |                                                                                      |
|                                                                                           |     |             |                 |                                       |  |  | 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 | MATERIAL<br>NUMBER                     | NUMBER<br>OF<br>CIRCUITS | FINISH<br>OPTION | RETENTION<br>PEG OPTION | MATERIAL<br>NUMBER | NUMBER<br>OF<br>CIRCUITS | FINISH<br>OPTION | RETENTION<br>PEG OPTION | <div> <div>POLARIZATION LAYOUT</div> <div>4-24 CIRCUITS</div> </div> |   |   |   |   | J |
| I | 44428-0401                             | 04                       | A                | YES                     | 44428-1601         | 16                       | A                | YES                     |                                                                      |   |   |   |   | I |
|   | 44428-0402                             | 04                       | B                | YES                     | 44428-1602         | 16                       | B                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-0403                             | 04                       | C                | YES                     | 44428-1603         | 16                       | C                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-0404                             | 04                       | A                | NO                      | 44428-1604         | 16                       | A                | NO                      |                                                                      |   |   |   |   |   |
| I | 44428-0405                             | 04                       | B                | NO                      | 44428-1605         | 16                       | B                | NO                      |                                                                      |   |   |   |   | I |
|   | 44428-0406                             | 04                       | C                | NO                      | 44428-1606         | 16                       | C                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-0407                             | 04                       | D                | YES                     | 44428-1607         | 16                       | D                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-0601                             | 06                       | A                | YES                     | 44428-1801         | 18                       | A                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-0602                             | 06                       | B                | YES                     | 44428-1802         | 18                       | B                | YES                     |                                                                      |   |   |   |   |   |
| H | 44428-0603                             | 06                       | C                | YES                     | 44428-1803         | 18                       | C                | YES                     |                                                                      |   |   |   |   | H |
|   | 44428-0604                             | 06                       | A                | NO                      | 44428-1804         | 18                       | A                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-0605                             | 06                       | B                | NO                      | 44428-1805         | 18                       | B                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-0606                             | 06                       | C                | NO                      | 44428-1806         | 18                       | C                | NO                      |                                                                      |   |   |   |   |   |
| G | 44428-0607                             | 06                       | D                | YES                     | 44428-1807         | 18                       | D                | YES                     |                                                                      |   |   |   |   | G |
|   | 44428-0801                             | 08                       | A                | YES                     | 44428-2001         | 20                       | A                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-0802                             | 08                       | B                | YES                     | 44428-2002         | 20                       | B                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-0803                             | 08                       | C                | YES                     | 44428-2003         | 20                       | C                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-0804                             | 08                       | A                | NO                      | 44428-2004         | 20                       | A                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-0805                             | 08                       | B                | NO                      | 44428-2005         | 20                       | B                | NO                      |                                                                      |   |   |   |   |   |
| F | 44428-0806                             | 08                       | C                | NO                      | 44428-2006         | 20                       | C                | NO                      |                                                                      |   |   |   |   | F |
|   | 44428-0807                             | 08                       | D                | YES                     | 44428-2007         | 20                       | D                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-1001                             | 10                       | A                | YES                     | 44428-2201         | 22                       | A                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-1002                             | 10                       | B                | YES                     | 44428-2202         | 22                       | B                | YES                     |                                                                      |   |   |   |   |   |
| E | 44428-1003                             | 10                       | C                | YES                     | 44428-2203         | 22                       | C                | YES                     |                                                                      |   |   |   |   | E |
|   | 44428-1004                             | 10                       | A                | NO                      | 44428-2204         | 22                       | A                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-1005                             | 10                       | B                | NO                      | 44428-2205         | 22                       | B                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-1006                             | 10                       | C                | NO                      | 44428-2206         | 22                       | C                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-1007                             | 10                       | D                | YES                     | 44428-2207         | 22                       | D                | YES                     |                                                                      |   |   |   |   |   |
| D | 44428-1201                             | 12                       | A                | YES                     | 44428-2401         | 24                       | A                | YES                     |                                                                      |   |   |   |   | D |
|   | 44428-1202                             | 12                       | B                | YES                     | 44428-2402         | 24                       | B                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-1203                             | 12                       | C                | YES                     | 44428-2403         | 24                       | C                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-1204                             | 12                       | A                | NO                      | 44428-2404         | 24                       | A                | NO                      |                                                                      |   |   |   |   |   |
|   | 44428-1205                             | 12                       | B                | NO                      | 44428-2405         | 24                       | B                | NO                      |                                                                      |   |   |   |   |   |
| C | 44428-1206                             | 12                       | C                | NO                      | 44428-2406         | 24                       | C                | NO                      |                                                                      |   |   |   |   | C |
|   | 44428-1207                             | 12                       | D                | YES                     | 44428-2407         | 24                       | D                | YES                     |                                                                      |   |   |   |   |   |
|   | 44428-1401                             | 14                       | A                | YES                     |                    |                          |                  |                         |                                                                      |   |   |   |   |   |
|   | 44428-1402                             | 14                       | B                | YES                     |                    |                          |                  |                         |                                                                      |   |   |   |   |   |
|   | 44428-1403                             | 14                       | C                | YES                     |                    |                          |                  |                         |                                                                      |   |   |   |   |   |
| B | 44428-1404                             | 14                       | A                | NO                      |                    |                          |                  |                         |                                                                      |   |   |   |   | B |
|   | 44428-1405                             | 14                       | B                | NO                      |                    |                          |                  |                         |                                                                      |   |   |   |   |   |
|   | 44428-1406                             | 14                       | C                | NO                      |                    |                          |                  |                         |                                                                      |   |   |   |   |   |
|   | 44428-1407                             | 14                       | D                | YES                     |                    |                          |                  |                         |                                                                      |   |   |   |   |   |
| A |                                        |                          |                  |                         |                    |                          |                  |                         |                                                                      |   |   |   |   | A |
|   | lb_frame_C_P_AM_T<br>Rev. G 2012/01/11 | 12                       | 11               | 10                      | 9                  | 8                        | 7                | 6                       | 5                                                                    | 4 | 3 | 2 | 1 |   |
|   |                                        |                          |                  |                         |                    |                          |                  |                         |                                                                      |   |   |   |   |   |

SEE SHEET 1

EC NO: UCP2016-2887

DRWN:SLAFER 2016/01/20

CHKD:JDOFX 2016/01/20

APPR:FSM1TH 2016/02/15

REV

H5

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± .010

2 PLACES ± 0.25 ± .015

1 PLACE ± 0.38 ± ---

0 PLACE ± --- ± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY DATE

MUELLER 1999/11/29

CHECKED BY DATE

MUELLER 1999/11/29

APPROVED BY DATE

FSM1TH 2016/02/15

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SD-44428-001

SHEET NO.

2 OF 2

SCALE

4:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

MICRO FIT (3.0)

DUAL ROW RIGHT ANGLE

BMI HEADER ASS'Y

molex

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

24 CIRCUIT

22 CIRCUIT

20 CIRCUIT

18 CIRCUIT

16 CIRCUIT

14 CIRCUIT

12 CIRCUIT

10 CIRCUIT

8 CIRCUIT

6 CIRCUIT

4 CIRCUIT