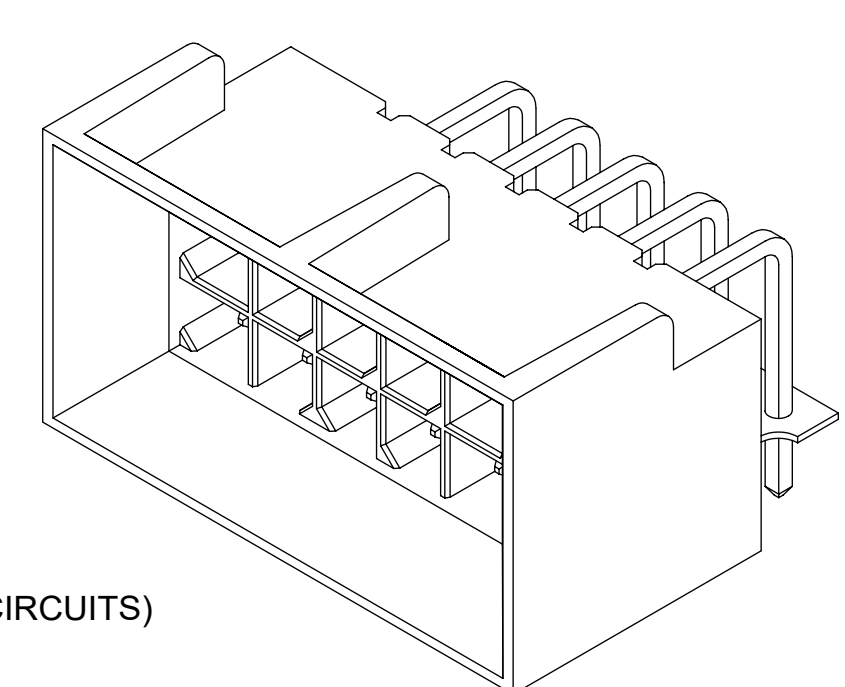
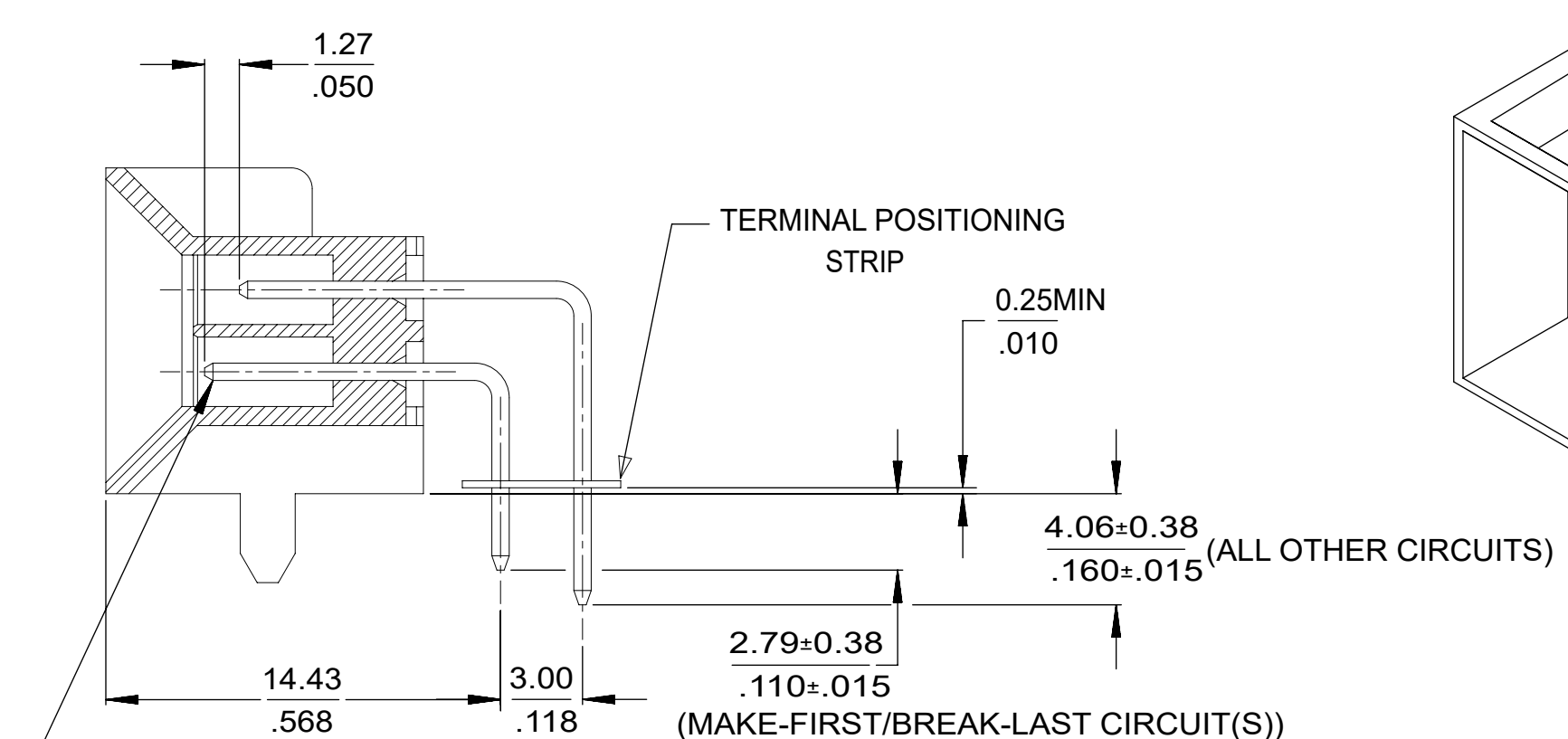
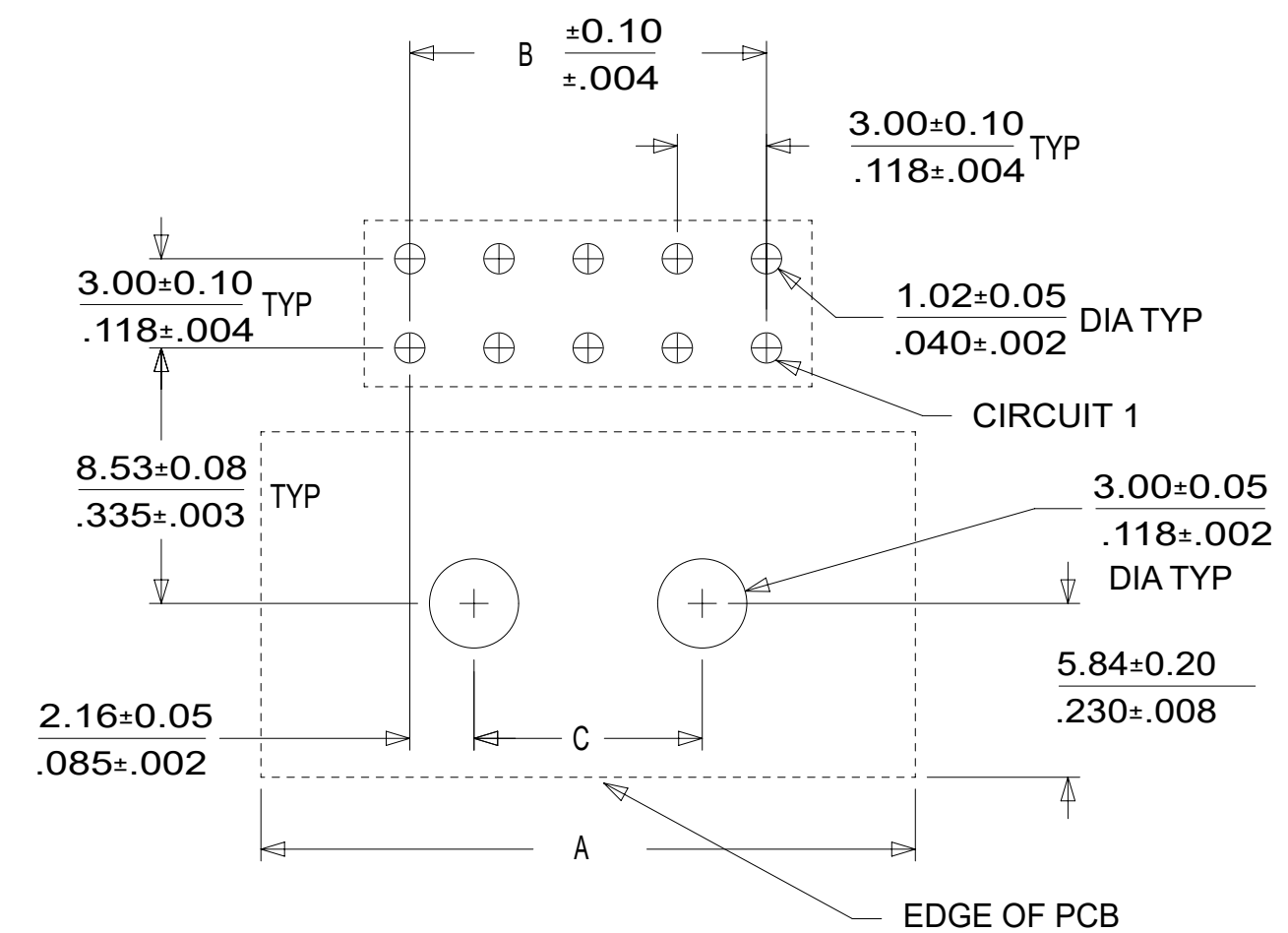


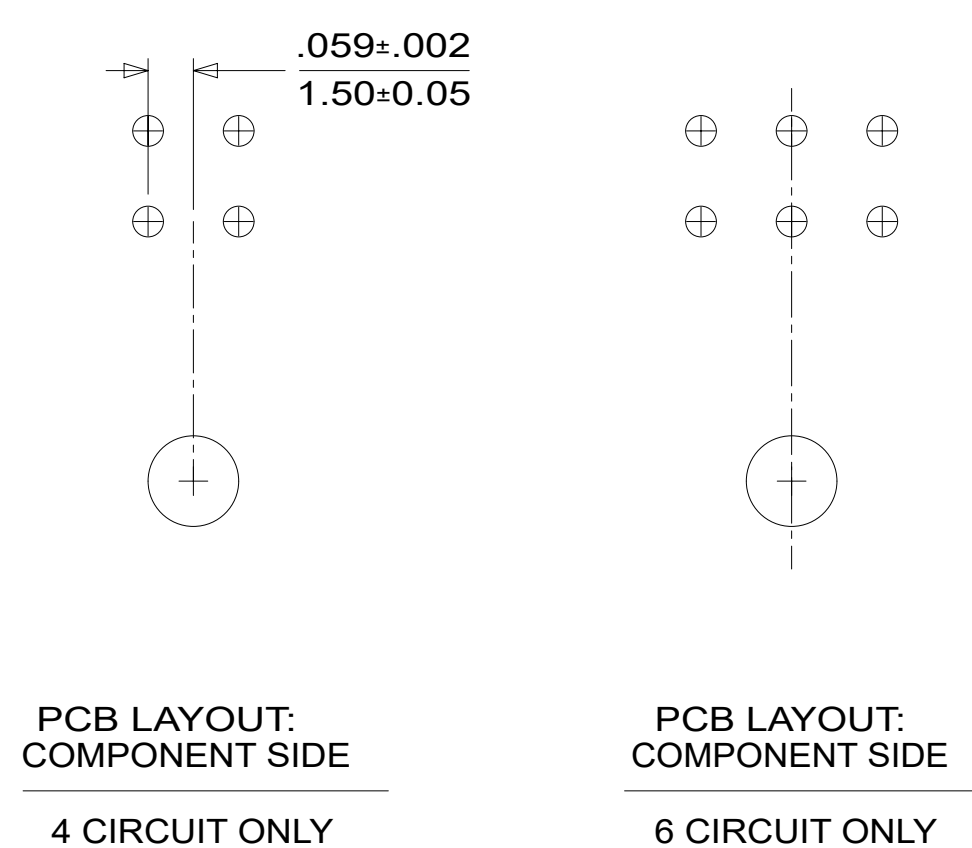
- NOTES :**
- MATERIALS -**
HOUSING : NYLON 46, 30% GLASS-FILLED, UL94V-0, COLOR - BLACK
TERMINAL : BRASS ALLOY
TERMINAL POSITIONING STRIP : HIGH TEMPERATURE PET LAMINATE
COLOR - NATURAL
 - FINISH -**
B - 0.00038/(.000015) MIN. SELECT GOLD IN CONTACT AREA, 0.00254/(.000100) MIN. MATTE TIN ON SOLDER TAILS,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



SECTION "Z"- "Z"
MAKE-FIRST/BREAK-LAST CIRCUIT TYPICAL (SEE SHEET 2 FOR CIRCUIT LOCATIONS)



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



| | | | | |
|--------------------|---|-------------------|---|--------------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | DIMENSION UNITS | SCALE | CURRENT REV DESC: 44428-1831 TO MATTE TIN | |
| $\frac{F}{A} = 0$ | MM/INCH | NTS | | |
| $\frac{F}{C} = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| $\frac{F}{P} = 0$ | | MM | INCH | |
| DIVISIONAL SYMBOLS | 4 PLACES | ± | ± | |
| | 3 PLACES | ± | ± 0.01 | |
| | 2 PLACES | ± 0.25 | ± 0.015 | |
| | 1 PLACE | ± 0.38 | ± | |
| | 0 PLACES | ± | ± | |
| | ANGULAR TOL | ± 0.5 ° | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |
| | THIRD ANGLE PROJECTION | DRAWING | SERIES | |
| | | C-SIZE | 44428 | |
| | | EC NO: 663296 | 2021/05/18 | |
| | | DRWN: MKIPPER | 2021/05/19 | |
| | | CHK'D: SSOUSEK | 2021/05/24 | |
| | | APPR: FSMITH | | |
| | | INITIAL REVISION: | | |
| | | DRWN: ADERR | 2008/07/01 | |
| | | APPR: FSMITH | 2008/07/03 | |
| | | DOCUMENT NUMBER | DOC TYPE | DOC PART |
| | | SD-44428-004 | PSD | 001 |
| | | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
| | | SEE CHART | GENERAL MARKET | 1 OF 2 |

| | | | | | | | X= MAKE-FIRST/BREAK-LAST CIRCUIT | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------|--------|---------------|-----------------------|-----------------------|-----------------------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| MATERIAL NO: | CKTS | FINISH | RETENTION PEG | DIM A | DIM B | DIM C | CKT 1 | CKT 2 | CKT 3 | CKT 4 | CKT 5 | CKT 6 | CKT 7 | CKT 8 | CKT 9 | CKT 10 | CKT 11 | CKT 12 | CKT 13 | CKT 14 | CKT 15 | CKT 16 | CKT 17 | CKT 18 | CKT 19 | CKT 20 | CKT 21 | CKT 22 | CKT 23 | CKT 24 | | | |
| 44428-0432 | 04 | B | YES | <u>13.00</u> .512 | <u>3.00</u> .118 | N/A | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44428-0632 | 06 | B | YES | <u>16.00</u> .630 | <u>6.00</u> .236 | N/A | | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| 44428-0832 | 08 | B | YES | <u>19.00</u> .748 | <u>9.00</u> .354 | <u>4.68</u> .184 | | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| 44428-0833 | 08 | C | YES | <u>19.00</u> .748 | <u>9.00</u> .354 | <u>4.68</u> .184 | | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| 44428-1032 | 10 | B | YES | <u>22.00</u> .866 | <u>12.00</u> .472 | <u>7.68</u> .302 | X | X | X | X | X | X | X | X | | X | | | | | | | | | | | | | | | | | |
| 44428-1037 | 10 | D | YES | <u>22.00</u> .866 | <u>12.00</u> .472 | <u>7.68</u> .302 | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44428-1433 | 14 | C | YES | <u>28.00</u> 1.102 | <u>18.00</u> .709 | <u>13.68</u> .539 | | | | | | X | | | | | | | | | X | | | | | | | | | | | | |
| | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44428-1831 | 18 | D | YES | <u>34.00</u> 1.338 | <u>24.00</u> .945 | <u>19.68</u> .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> 1.338 | <u>24.00</u> .945 | <u>19.68</u> .775 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | | | | | | | |
| | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44428-2231 | 22 | D | YES | <u>40.00</u> 1.575 | <u>30.00</u> 1.181 | <u>25.68</u> 1.011 | | | | | | | | | | | | | | | X | X | X | X | X | X | | | | | | | |
| 44428-2232 | 22 | B | YES | <u>40.00</u> 1.575 | <u>30.00</u> 1.181 | <u>25.68</u> 1.011 | | | | | | | | | | | | | | | X | X | X | X | X | X | | | | | | | |
| 44428-2233 | 22 | C | YES | <u>40.00</u> 1.575 | <u>30.00</u> 1.181 | <u>25.68</u> 1.011 | | | | | | | | | | | | | | | X | X | X | X | X | X | | | | | | | |
| 44428-2431 | 24 | D | YES | <u>43.00</u> 1.693 | <u>33.00</u> 1.299 | <u>28.68</u> 1.129 | | | | | | | | | | | | | | | | X | X | X | X | X | X | X | X | | | | |
| | | | | | | | CKT 1 | CKT 2 | CKT 3 | CKT 4 | CKT 5 | CKT 6 | CKT 7 | CKT 8 | CKT 9 | CKT 10 | CKT 11 | CKT 12 | CKT 13 | CKT 14 | CKT 15 | CKT 16 | CKT 17 | CKT 18 | CKT 19 | CKT 20 | CKT 21 | CKT 22 | CKT 23 | CKT 24 | | | |

| | | | | | | | | | | | | | | | |
|--|---|---|-------|------------------------|--|---------|---------|--------|--|-----------------|--|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | |
| | DIMENSION UNITS | | SCALE | | CURRENT REV DESC: 44428-1831 TO MATTE TIN | | | | | | | | | | |
| | INCH | | NTS | | EC NO: 663296 DRWN: MKIPPER CHK'D: SSOUSEK APPR: FSMITH 2021/05/18 2021/05/19 2021/05/24 | | | | | | | | | | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | |
| DIVISIONAL SYMBOLS | 4 PLACES | | ± | | MM | | INCH | | INITIAL REVISION: DRWN: DRAWN BY APPR: APPR BY 0099/99/99 0099/99/99 | | | | | | |
| | 3 PLACES | | ± | | 0.01 | | | | | | | | | | |
| | 2 PLACES | | ± | | 0.25 | | ± 0.015 | | | | | | | | |
| | 1 PLACE | | ± | | 0.38 | | ± | | | | | | | | |
| 0 PLACES | | ± | | | | | | | | | | | | | |
| ANGULAR TOL | | ± | | 0.5 ° | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | | | | | | C-SIZE | | 44428 | | SEE CHART | | GENERAL MARKET | | 2 OF 2 | |

molex

MICRO-FIT(3.0) BMI MAKE-FIRST/BREAK-LAST DUAL ROW RIGHT ANGLE HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-44428-004
DOC TYPE: PSD
DOC PART: 001
REVISION: A14