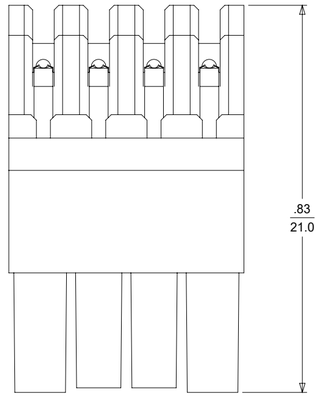
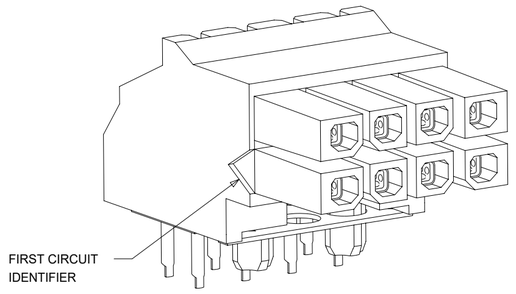
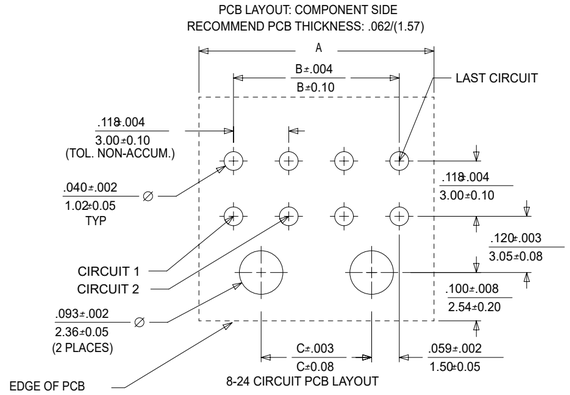
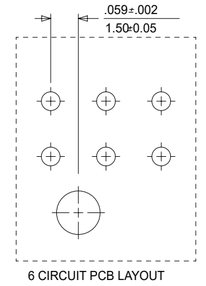
| MATERIAL NUMBER | NUMBER OF POSITIONS | PLATING OPTION | POSITIONING STRIP |
|---|---|---|---|
| 44764-0401* | 04 | A | MYLAR, COLOR NATURAL |
| 44764-0402* | 04 | B | |
| 44764-0403* | 04 | C | |
| 44764-0601* | 06 | A | |
| 44764-0602* | 06 | B | |
| 44764-0603* | 06 | C | |
| 44764-0801* | 08 | A | |
| 44764-0802* | 08 | B | |
| 44764-0803* | 08 | C | |
| 44764-1001* | 10 | A | |
| 44764-1002* | 10 | B | |
| 44764-1003* | 10 | C | |
| 44764-1201* | 12 | A | |
| 44764-1202* | 12 | B | |
| 44764-1203* | 12 | C | |
| 44764-1401* | 14 | A | |
| 44764-1402* | 14 | B | |
| 44764-1403* | 14 | C | |
| 44764-1601* | 16 | A | |
| 44764-1602* | 16 | B | |
| 44764-1603* | 16 | C | |
| 44764-1801* | 18 | A | |
| 44764-1802* | 18 | B | |
| 44764-1803* | 18 | C | |
| 44764-2001* | 20 | A | |
| 44764-2002* | 20 | B | |
| 44764-2003* | 20 | C | |
| 44764-2201* | 22 | A | |
| 44764-2202* | 22 | B | |
| 44764-2203* | 22 | C | |
| 44764-2401* | 24 | A | |
| 44764-2402* | 24 | B | |
| 44764-2403* | 24 | C | |

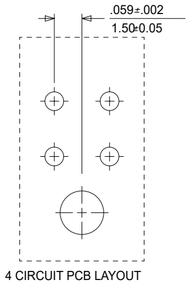
| NUMBER OF POSITIONS | DIM. "A" | DIM. "B" | DIM. "C" |
|---|---|---|---|
| 24 | 1.445/(36.70) | 1.299/(33.00) | 1.181/(30.00) |
| 22 | 1.327/(33.70) | 1.181/(30.00) | 1.063/(27.00) |
| 20 | 1.209/(30.70) | 1.063/(27.00) | .945/(24.00) |
| 18 | 1.091/(27.70) | .945/(24.00) | .827/(21.00) |
| 16 | .972/(24.70) | .827/(21.00) | .709/(18.00) |
| 14 | .854/(21.70) | .709/(18.00) | .591/(15.00) |
| 12 | .736/(18.70) | .591/(15.00) | .472/(12.00) |
| 10 | .618/(15.70) | .472/(12.00) | .354/(9.00) |
| 8 | .500/(12.70) | .354/(9.00) | .236/(6.00) |
| 6 | .382/(9.70) | .236/(6.00) | ———— |
| 4 | .264/(6.70) | .118/(3.00) | ———— |



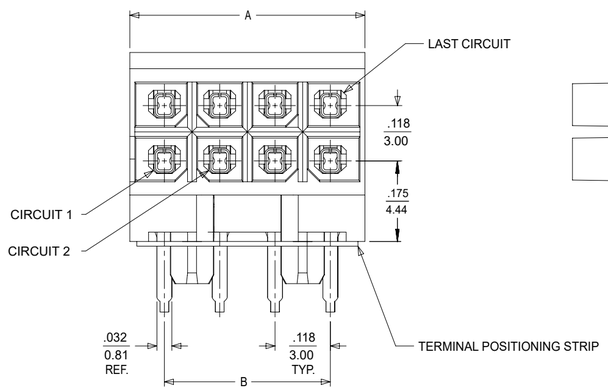



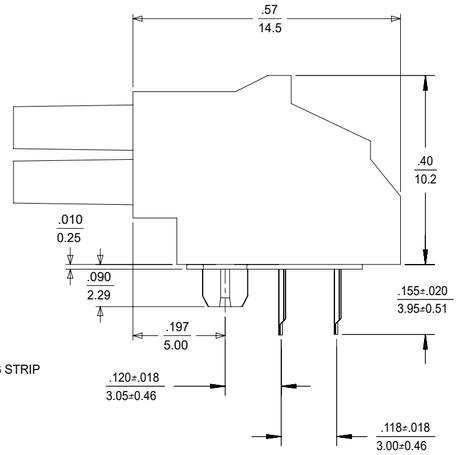




PART NUMBER MARKED IN "*"
ARE NOT RECOMMENDED FOR NEW APPLICATION

| MATERIAL NUMBER | NUMBER OF POSITIONS | PLATING OPTION | POSITIONING STRIP |
|---|---|---|---|
| 44764-0411 | 04 | A | HIGH TEMPERATURE PET LAMINATE, COLOR NATURAL |
| 44764-0412 | 04 | B | |
| 44764-0413 | 04 | C | |
| 44764-0611 | 06 | A | |
| 44764-0612 | 06 | B | |
| 44764-0613 | 06 | C | |
| 44764-0811 | 08 | A | |
| 44764-0812 | 08 | B | |
| 44764-0813 | 08 | C | |
| 44764-1011 | 10 | A | |
| 44764-1012 | 10 | B | |
| 44764-1013 | 10 | C | |
| 44764-1211 | 12 | A | |
| 44764-1212 | 12 | B | |
| 44764-1213 | 12 | C | |
| 44764-1411 | 14 | A | |
| 44764-1412 | 14 | B | |
| 44764-1413 | 14 | C | |
| 44764-1611 | 16 | A | |
| 44764-1612 | 16 | B | |
| 44764-1613 | 16 | C | |
| 44764-1811 | 18 | A | |
| 44764-1812 | 18 | B | |
| 44764-1813 | 18 | C | |
| 44764-2011 | 20 | A | |
| 44764-2012 | 20 | B | |
| 44764-2013 | 20 | C | |
| 44764-2211 | 22 | A | |
| 44764-2212 | 22 | B | |
| 44764-2213 | 22 | C | |
| 44764-2411 | 24 | A | |
| 44764-2412 | 24 | B | |
| 44764-2413 | 24 | C | |




NOTES:
1. MATERIAL:
   HOUSING: LIQUID CRYSTAL POLYMER, GLASS FILLED, U.L. 94V-0, COLOR BLACK
   TERMINAL: PHOSPHOR BRONZE ALLOY
   POSITIONING STRIP: SEE TABLE
2. FINISH:
   (A) = HOT TIN DIP: .000040/0.00102 MIN.
   (B) = SELECTIVE GOLD IN THE CONTACT AREA: .000015/0.00038 MIN., SELECTIVE MATTE TIN IN THE PC TAIL AREA: .000100/0.00254 MIN., BOTH OVER .000050/0.00127 MIN. NICKEL.
   (C) = SELECTIVE GOLD IN THE CONTACT AREA: .000030/0.00076 MIN., SELECTIVE MATTE TIN IN THE PC TAIL AREA: .000100/0.00254 MIN., BOTH OVER .000050/0.00127 MIN. NICKEL.
3. PRODUCT SPECIFICATIONS: PS-44300-001
4. PACKAGING SPECIFICATION: PER MOLEX DRAWING PK-44764-001
5. THIS HEADER MATES WITH MOLEX BMI HEADER SERIES 44428 AND 44432, AND MOLEX BMI PLUG SERIES 44300.
6. MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG (SERIES 44242) WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS (SERIES 44428, 44432, OR 44300) FOR TESTING PURPOSES.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE |
|---|---|
| mm | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± |
| 1 PLACE | ± 0.35 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 816671
DRWN: ZIXUAQ 2025/03/26
CHK'D: XQZHANG 2025/03/26
APPR: XQZHANG 2025/03/26

INITIAL REVISION:
DRWN:
APPR:

molex

MICRO-FIT (3.0)
BMI R/A RECEPTACLE ASS'Y 4 - 24 CIRCUIT

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-44764-001 | PSD | 001 | E2 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 44764 | | GENERAL MARKET | 1 OF 1 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/03/26 07:04:46 |
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