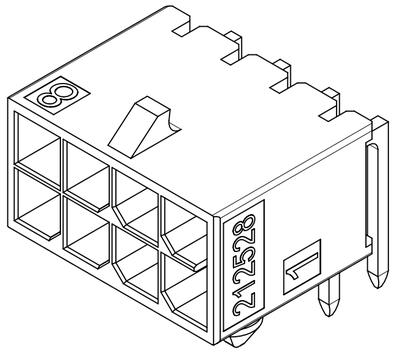
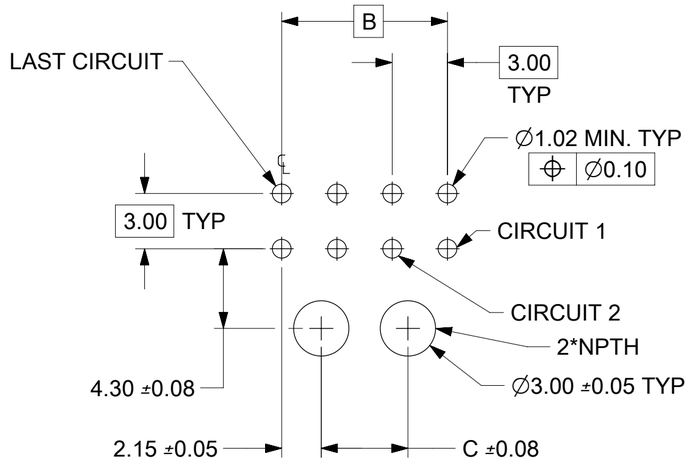
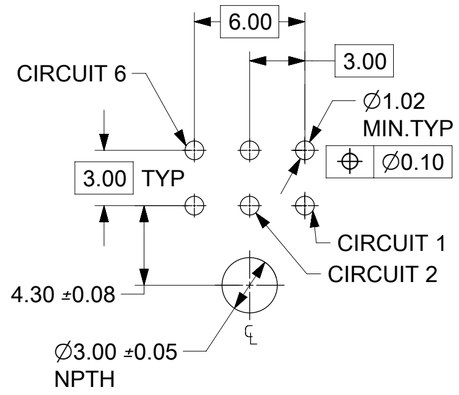
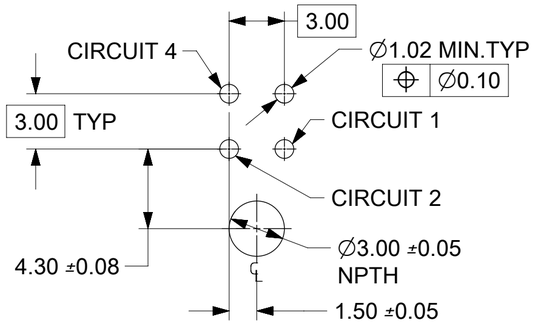




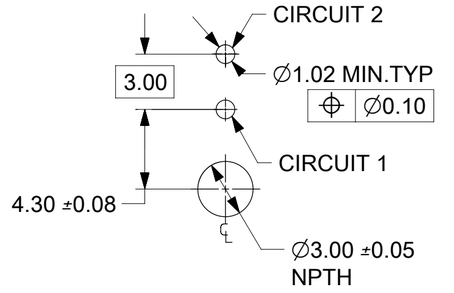




PCB LAYOUT: COMPONENT SIDE
RECOMMEND PCB THICKNESS: 1.57mm

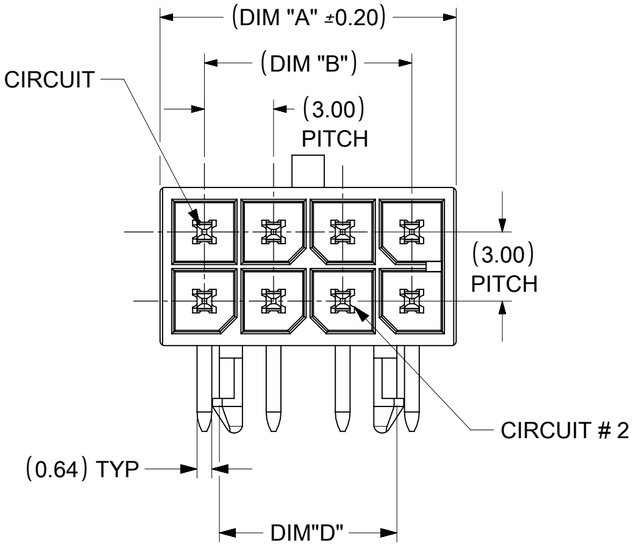


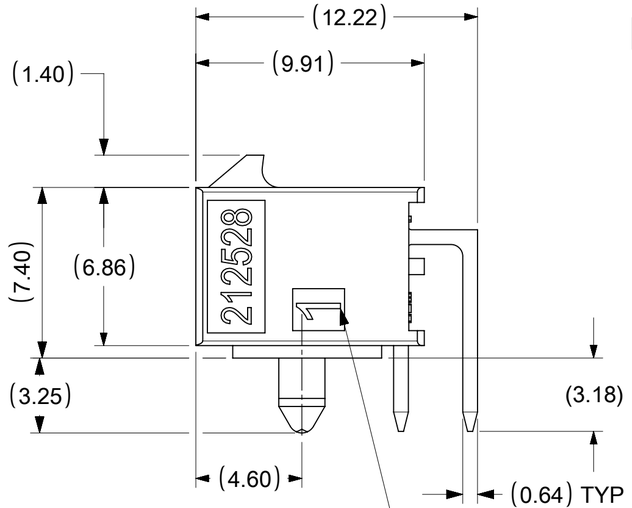

PCB LAYOUT:
4 CKT HEADER

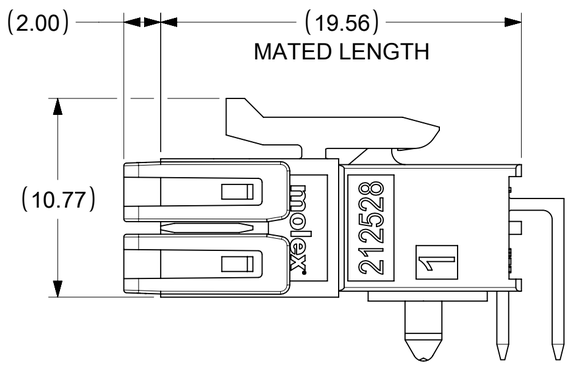
PCB LAYOUT:
6 CKT HEADER




PCB LAYOUT:
2 CKT HEADER




| CKT | A | B | C | D |
|---|---|---|---|---|
| 2 | 3.85 | NA | NA | 2.95 |
| 4 | 6.85 | 3.00 | NA | 2.95 |
| 6 | 9.85 | 6.00 | NA | 2.95 |
| 8 | 12.85 | 9.00 | 4.70 | 7.70 |
| 10 | 15.85 | 12.00 | 7.70 | 10.70 |
| 12 | 18.85 | 15.00 | 10.70 | 13.70 |
| 14 | 21.85 | 18.00 | 13.70 | 16.70 |
| 16 | 24.85 | 21.00 | 16.70 | 19.70 |
| 18 | 27.85 | 24.00 | 19.70 | 22.70 |
| 20 | 30.85 | 27.00 | 22.70 | 25.70 |
| 22 | 33.85 | 30.00 | 25.70 | 28.70 |
| 24 | 36.85 | 33.00 | 28.70 | 31.70 |

NOTES:
1. HOSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER,
 UL 94V-0, COLOR: SEE CHART
 TERMINAL MATERIAL: HIGH COPPER ALLOY
2. FINISH:
   OPTION 1: 1.52µm MIN REFLOW MATTE TIN,
   OVER 1.25µm MIN NICKEL OVERALL.
   OPTION 2: 0.38µm MIN GOLD CONTACT AREA,
   1.52µm MINMATTE TIN TAIL AREA,
   OVER 1.25µm MIN NICKEL OVERALL.
   OPTION 3: 0.76µm MIN GOLD CONTACT AREA,
   1.52µm MIN MATTE TIN TAIL AREA,
   OVER 1.25µm MIN NICKEL OVERALL.
3. PRODUCT SPECIFICATION : 2064600000-PS
4. PRODUCT TEST SUMMARY: 2064600000-TS
5. TRAY PACK : 2125280000-PK
6. MATE WITH RECEPTACLE 206461
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)

| | |
|---|---|
| ANGULAR TOL | ± ° |
| 4 PLACES | ± |
| 3 PLACES | ± |
| 2 PLACES | ± 0.25 |
| 1 PLACE | ± 0.36 |
| 0 PLACES | ± |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 829776
DRWN: ZIXUAQ 2025/05/14
CHK'D: XQZHANG 2025/08/06
APPR: XQZHANG 2025/08/06

INITIAL REVISION:
DRWN: MUM 2019/03/08
APPR: AYIN 2019/09/27

molex

MICRO-FIT + DUAL ROW R/A HEADER ASSY.

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2125280000 | PSD | 000 | C |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 212528 | SEE TABLE | GENERAL MARKET | 1 OF 3 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/08/06 06:22:11 |
|---|---|---|---|

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

| TRAY PACKAGING | | | | | |
|---|---|---|---|---|---|
| CKT | POLARIZATION | COLOR | TIN PLATING HDR ASSY PN | 15 MICRO INCH GOLD HDR ASSY PN | 30 MICRO INCH GOLD HDR ASSY PN |
| 2 | A | BLACK | 2125280200 | 2125280201 | 2125280202 |
| | B | NATURAL | 2125280210 | 2125280211 | 2125280212 |
| | C | RED | 2125280220 | 2125280221 | 2125280222 |
| | D | BLUE | 2125280230 | 2125280231 | 2125280232 |
| | E | YELLOW | 2125280240 | 2125280241 | 2125280242 |
| 4 | A | BLACK | 2125280400 | 2125280401 | 2125280402 |
| | B | NATURAL | 2125280410 | 2125280411 | 2125280412 |
| | C | RED | 2125280420 | 2125280421 | 2125280422 |
| | D | BLUE | 2125280430 | 2125280431 | 2125280432 |
| | E | YELLOW | 2125280440 | 2125280441 | 2125280442 |
| 6 | A | BLACK | 2125280600 | 2125280601 | 2125280602 |
| | B | NATURAL | 2125280610 | 2125280611 | 2125280612 |
| | C | RED | 2125280620 | 2125280621 | 2125280622 |
| | D | BLUE | 2125280630 | 2125280631 | 2125280632 |
| | E | YELLOW | 2125280640 | 2125280641 | 2125280642 |
| 8 | A | BLACK | 2125280800 | 2125280801 | 2125280802 |
| | B | NATURAL | 2125280810 | 2125280811 | 2125280812 |
| | C | RED | 2125280820 | 2125280821 | 2125280822 |
| | D | BLUE | 2125280830 | 2125280831 | 2125280832 |
| | E | YELLOW | 2125280840 | 2125280841 | 2125280842 |
| 10 | A | BLACK | 2125281000 | 2125281001 | 2125281002 |
| | B | NATURAL | 2125281010 | 2125281011 | 2125281012 |
| | C | RED | 2125281020 | 2125281021 | 2125281022 |
| | D | BLUE | 2125281030 | 2125281031 | 2125281032 |
| | E | YELLOW | 2125281040 | 2125281041 | 2125281042 |
| 12 | A | BLACK | 2125281200 | 2125281201 | 2125281202 |
| | B | NATURAL | 2125281210 | 2125281211 | 2125281212 |
| | C | RED | 2125281220 | 2125281221 | 2125281222 |
| | D | BLUE | 2125281230 | 2125281231 | 2125281232 |
| | E | YELLOW | 2125281240 | 2125281241 | 2125281242 |
| 14 | A | BLACK | 2125281400 | 2125281401 | 2125281402 |
| 16 | A | BLACK | 2125281600 | 2125281601 | 2125281602 |
| 18 | A | BLACK | 2125281800 | 2125281801 | 2125281802 |
| 20 | A | BLACK | 2125282000 | 2125282001 | 2125282002 |
| 22 | A | BLACK | 2125282200 | 2125282201 | 2125282202 |
| 24 | A | BLACK | 2125282400 | 2125282401 | 2125282402 |

| TAPE & REEL PACKAGING | | | | | |
|---|---|---|---|---|---|
| CKT | POLARIZATION | COLOR | TIN PLATING HDR ASSY PN | 15 MICRO INCH GOLD HDR ASSY PN | 30 MICRO INCH GOLD HDR ASSY PN |
| 2 | A | BLACK | 2125280290* | 2125280291* | 2125280292* |
| 4 | A | BLACK | 2125280490 | 2125280491 | 2125280492 |
| 6 | A | BLACK | 2125280690* | 2125280691* | 2125280692* |
| 8 | A | BLACK | 2125280890* | 2125280891* | 2125280892* |
| 10 | A | BLACK | 2125281090* | 2125281091* | 2125281092* |
| 12 | A | BLACK | 2125281290* | 2125281291* | 2125281292* |
| 14 | A | BLACK | 2125281490* | 2125281491* | 2125281492* |
| 16 | A | BLACK | 2125281690 | 2125281691 | 2125281692 |
| 18 | A | BLACK | 2125281890* | 2125281891* | 2125281892* |
| 20 | A | BLACK | 2125282090* | 2125282091* | 2125282092* |
| 22 | A | BLACK | 2125282290* | 2125282291* | 2125282292* |
| 24 | A | BLACK | 2125282490* | 2125282491* | 2125282492* |
| NOTE: * NOT TOOLED | | | | | |

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

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.25 |
| 1 PLACE | ± | 0.36 |
| 0 PLACES | ± | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 829776
DRWN: ZIXUAQ 2025/05/14
CHK'D: XQZHANG 2025/08/06
APPR: XQZHANG 2025/08/06

INITIAL REVISION:
DRWN: MUM 2019/03/08
APPR: AYIN 2019/09/27

molex

MICRO-FIT + DUAL ROW R/A HEADER ASSY.

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2125280000 | PSD | 000 | C |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 212528 | SEE TABLE | GENERAL MARKET | 2 OF 3 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/08/06 06:22:11 |
|---|---|---|---|

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

| CKT | POLARIZATION "A"- BLACK | POLARIZATION "B"- NATURAL | POLARIZATION "C" - RED | POLARIZATION "D" - BLUE | POLARIZATION "E" - YELLOW |
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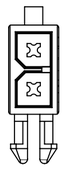
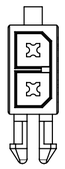
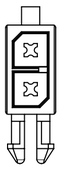
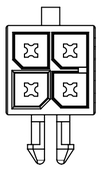
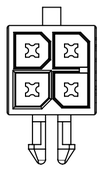
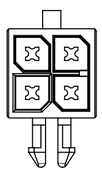
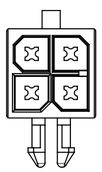
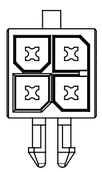
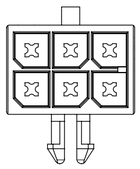
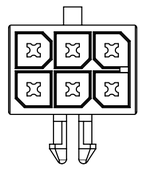
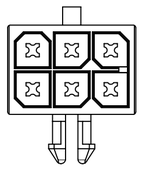
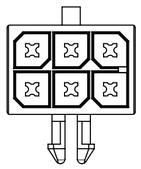
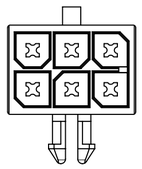
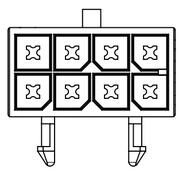
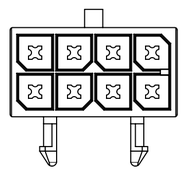
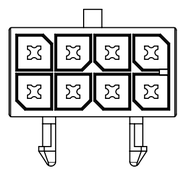
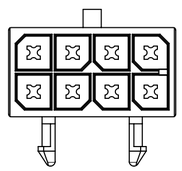
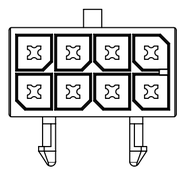
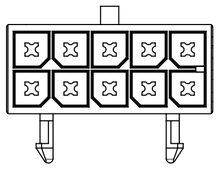
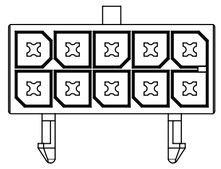
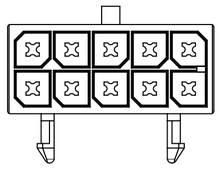
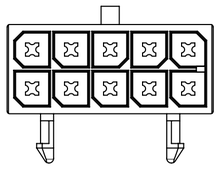
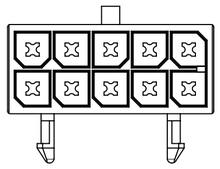
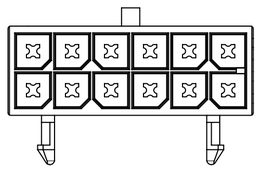
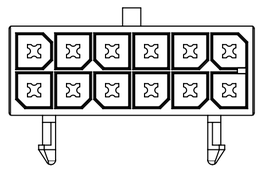
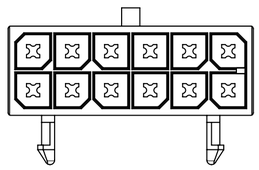
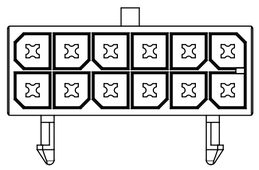
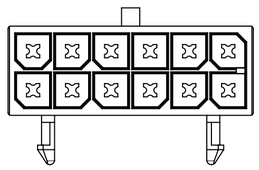
| 4 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 10 |  |  |  |  |  |
| 12 |  |  |  |  |  |

| CKT | POLARIZATION "A"- BLACK |
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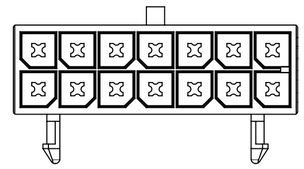
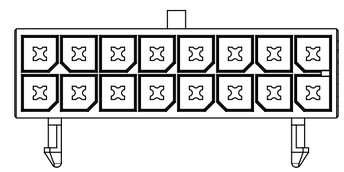
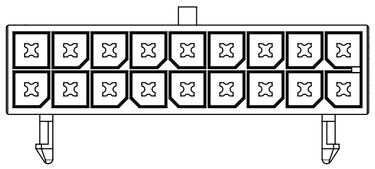
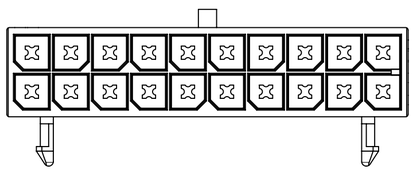
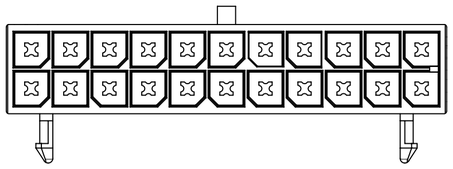
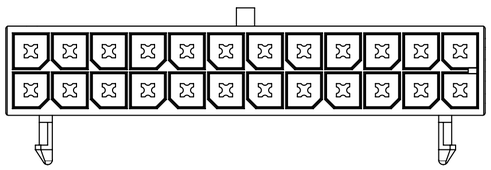
| 14 |  |
| 16 |  |
| 18 |  |
| 20 |  |
| 22 |  |
| 24 |  |

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)

| | | |
|---|---|---|
| ANGULAR TOL | ± | ° |
| 4 PLACES | ± | |
| 3 PLACES | ± | |
| 2 PLACES | ± | 0.25 |
| 1 PLACE | ± | 0.36 |
| 0 PLACES | ± | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 829776

| | | |
|---|---|---|
| DRWN: | ZIXUAQ | 2025/05/14 |
| CHK'D: | XQZHANG | 2025/08/06 |
| APPR: | XQZHANG | 2025/08/06 |

INITIAL REVISION:

| | | |
|---|---|---|
| DRWN: | MUM | 2019/03/08 |
| APPR: | AYIN | 2019/09/27 |

molex

MICRO-FIT + DUAL ROW R/A HEADER ASSY.

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2125280000 | PSD | 000 | C |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | A2-SIZE | 212528 | SEE TABLE | GENERAL MARKET | 3 OF 3 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/08/06 06:22:11 |
|---|---|---|---|

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REVISION: 21
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