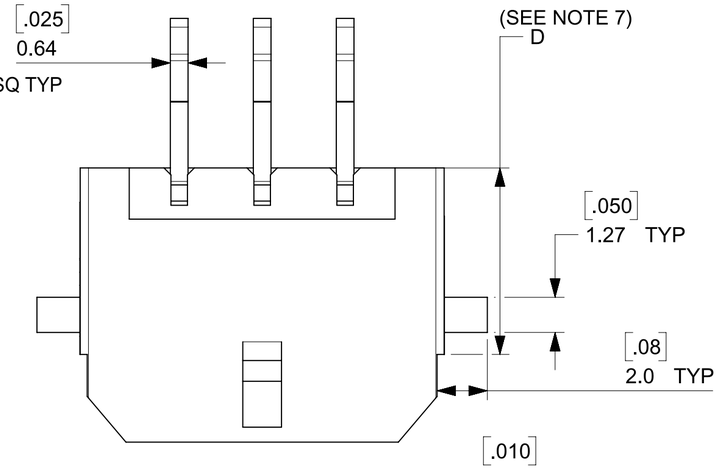
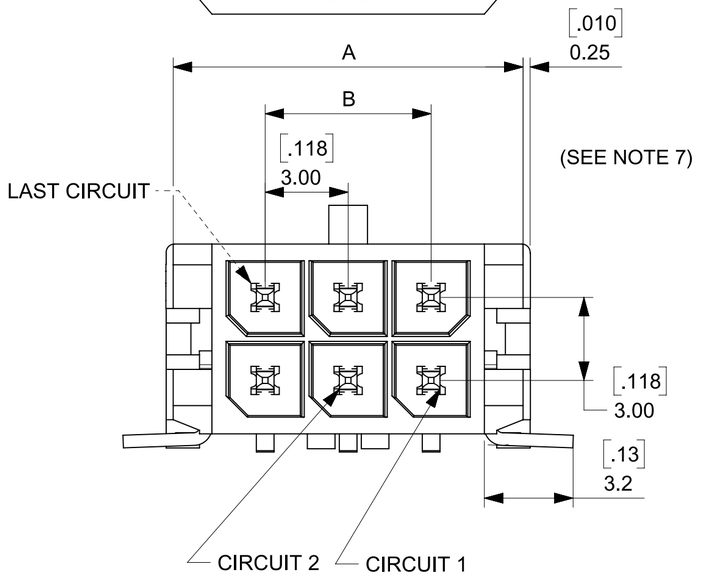
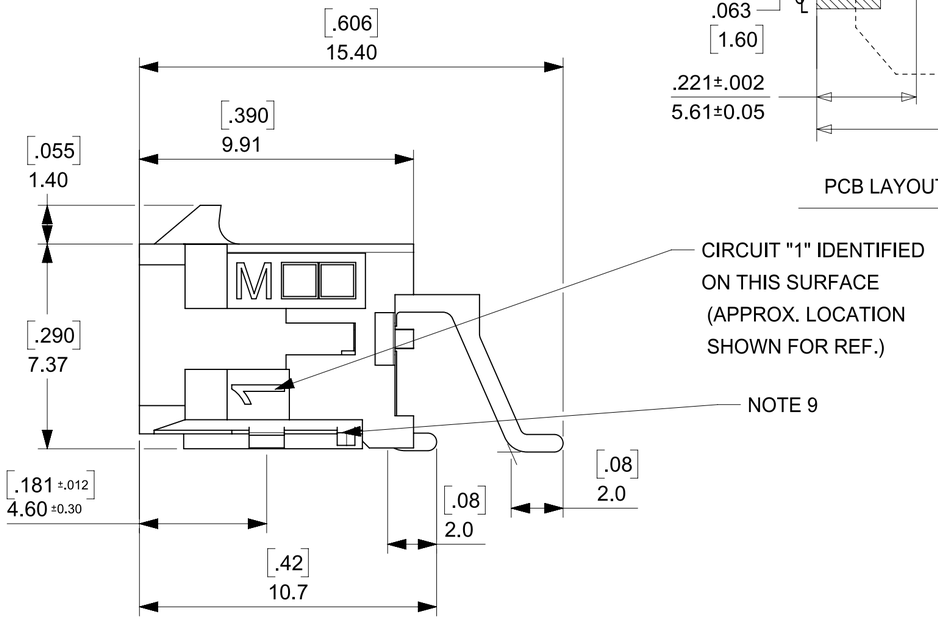
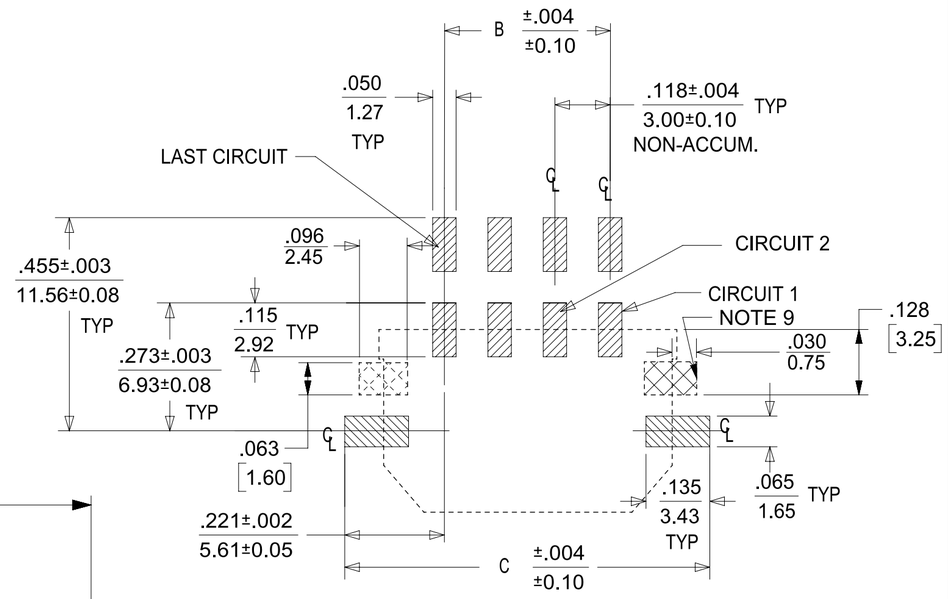


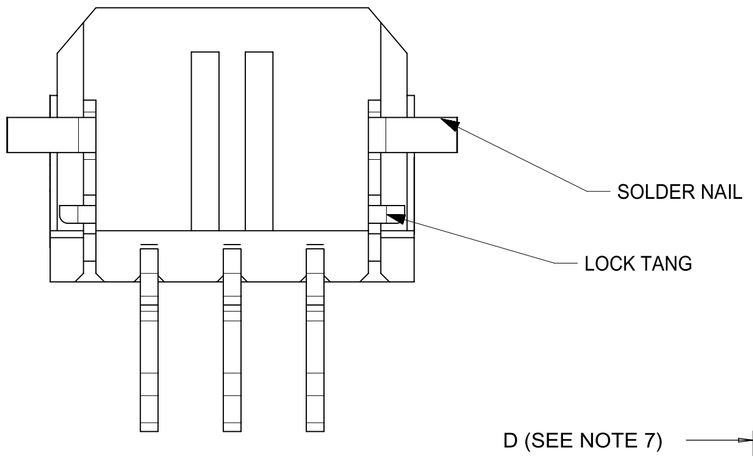



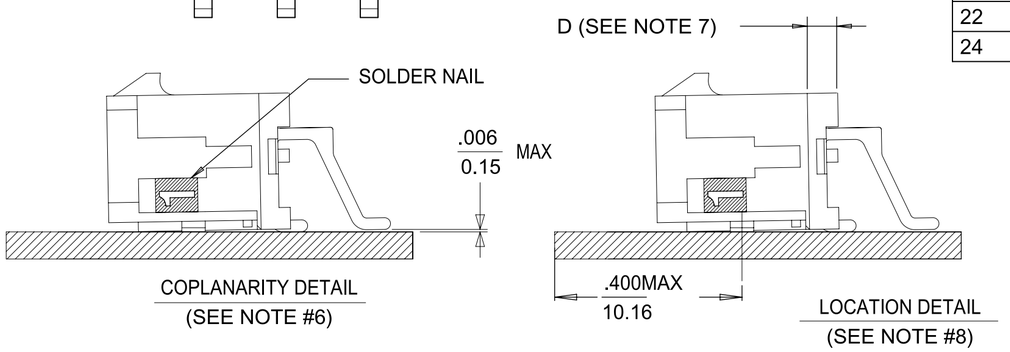




PCB LAYOUT: COMPONENT SIDE

| CKTS | A | B | C |
|---|---|---|---|
| 02 | .262<br>6.65 | NA | .441<br>11.20 |
| 04 | .380<br>9.65 | .118<br>3.00 | .559<br>14.20 |
| 06 | .498<br>12.65 | .236<br>6.00 | .677<br>17.20 |
| 08 | .616<br>15.65 | .354<br>9.00 | .795<br>20.20 |
| 10 | .734<br>18.65 | .472<br>12.00 | .913<br>23.20 |
| 12 | .852<br>21.65 | .591<br>15.00 | 1.031<br>26.20 |
| 14 | .970<br>24.65 | .709<br>18.00 | 1.150<br>29.20 |
| 16 | 1.088<br>27.65 | .827<br>21.00 | 1.268<br>32.20 |
| 18 | 1.206<br>30.65 | .945<br>24.00 | 1.386<br>35.20 |
| 20 | 1.325<br>33.65 | 1.063<br>27.00 | 1.504<br>38.20 |
| 22 | 1.443<br>36.65 | 1.181<br>30.00 | 1.622<br>41.20 |
| 24 | 1.561<br>39.65 | 1.299<br>33.00 | 1.740<br>44.20 |




| | FINISH A | FINISH B | FINISH C | FINISH D |
|---|---|---|---|---|
| CKTS | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: |
| 02 | 43045-0209 | 43045-0210 | 43045-0211 | 43045-0292 |
| 04 | 43045-0409 | 43045-0410 | 43045-0411 | 43045-0492 |
| 06 | 43045-0609 | 43045-0610 | 43045-0611 | 43045-0692 |
| 08 | 43045-0809 | 43045-0810 | 43045-0811 | 43045-0892 |
| 10 | 43045-1009 | 43045-1010 | 43045-1011 | 43045-1092 |
| 12 | 43045-1209 | 43045-1210 | 43045-1211 | 43045-1292 |
| 14 | 43045-1409 | 43045-1410 | 43045-1411 | 43045-1492 |
| 16 | 43045-1609 | 43045-1610 | 43045-1611 | 43045-1692 |
| 18 | 43045-1809 | 43045-1810 | 43045-1811 | 43045-1892 |
| 20 | 43045-2009 | 43045-2010 | 43045-2011 | 43045-2092 |
| 22 | 43045-2209 | 43045-2210 | 43045-2211 | 43045-2292 |
| 24 | 43045-2409 | 43045-2410 | 43045-2411 | 43045-2492 |

NOTES:

1. HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER UL94V-0, COLOR: BLACK, TERMINAL MATERIAL: BRASS ALLOY
2. FINISH: A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE. (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW).
   B = .000015/(0.00038) MIN. GOLD IN SELECTIVE AREA; .000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS; BOTH OVER .000050/(0.00127) MIN. NICKLE PLATE.
   C = .000030/(0.00076) MIN. GOLD IN SELECTIVE AREA; .000100/(0.00254) MIN. MATTE TIN ON SOLDER TAILS; BOTH OVER .000050/(0.00127) MIN. NICKLE PLATE.
   D = .000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE.
3. PRODUCT SPECIFICATION: PS-43045
4. TAPE AND REEL PACK: SEE MOLEX DRAWING 430450001-PK.
5. MATES WITH MOLEX RECEPTACLE SERIES 43025
6. THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL OR NAIL MUST NOT EXCEED .006/0.15.
7. CIRCUIT SIZES 2-6: "D" IS 0.265/6.74 FOR .010/0.25 STEP. CIRCUIT SIZES 8-24: "D" IS .063/1.60 FOR .010/0.25 STEP.
8. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN .400/(10.16) MAX. FROM EDGE OF PCB, AS SHOWN IN LOCATION DETAIL.
9. METAL TAB MAY BE FLUSH WITH PCB. NO EXPOSED TRACES OR VIAS ALLOWED NEAR THESE AREAS.
10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
11. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

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

DIMENSION UNITS: INCH/MM | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.0100 |
| 2 PLACES | ± 0.250 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: 1.ADD THE PLANT ID AND SERIES NO VIEW
2.ADD POLARIZATION VIEW

STATUS: Production

| | | |
|---|---|---|
| DRWN: | Zi Xuan Qin | 2026-04-14 |
| CHK'D: | Zi Xuan Qin | 2026-04-24 |
| APPR: | Xue Qing Zhang | 2026-04-24 |

INITIAL REVISION:

| | | |
|---|---|---|
| DRWN: | SAMIEC | 2000/03/15 |
| APPR: | FSMITH | 2016/02/26 |

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43045

molex

MICRO FIT (3.0) RIGHT ANGLE SMT, NAILS DUAL ROW HEADER

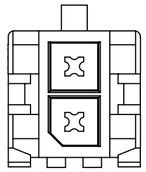
PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-43045-004 | PSD | 000 | G8 |

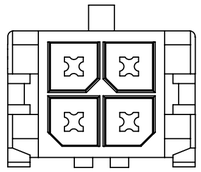
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 1 OF 2 |

FORMAT: EngAlign-TC4b-prod-C
REVISION: B
DATE: 2023/10/23

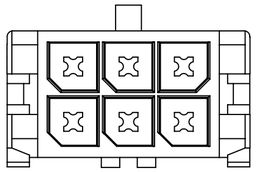
# POLARIZATION VIEW



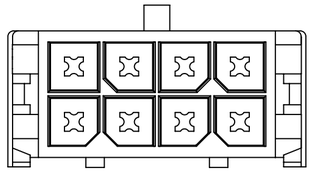
2CKT



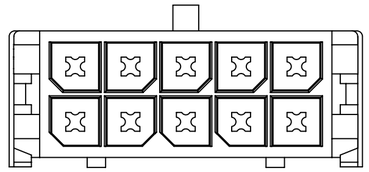
4CKT



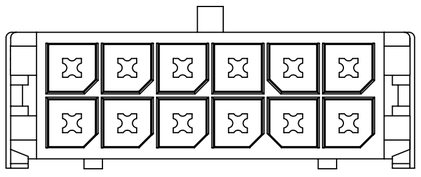
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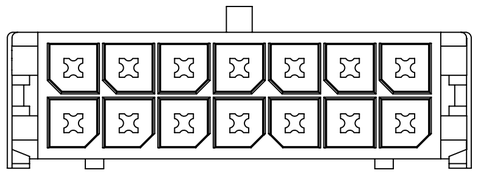
8CKT



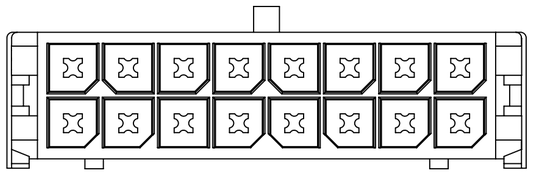
10CKT



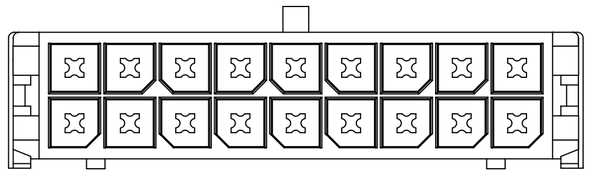
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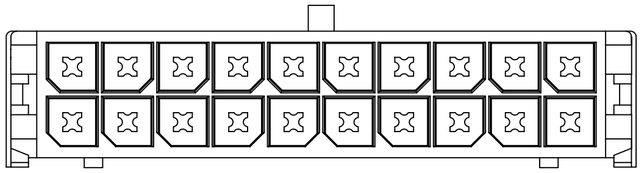
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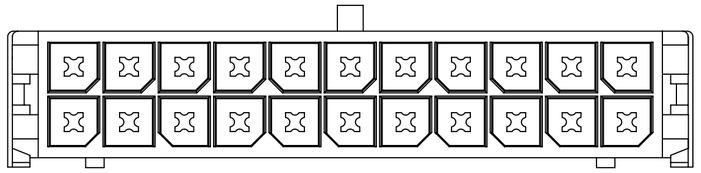
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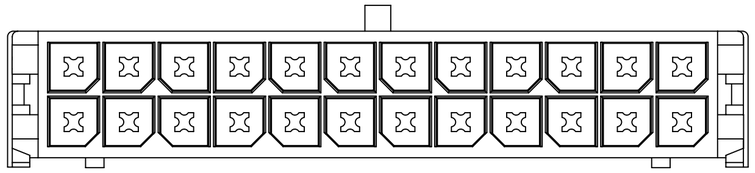
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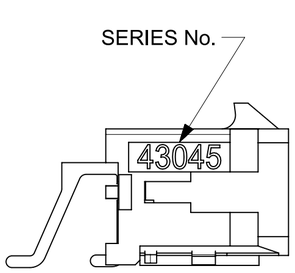
20CKT

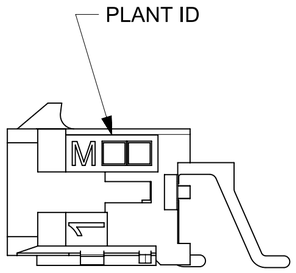


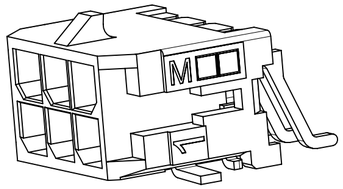
22CKT



12CKT




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| DIMENSION UNITS | SCALE |
|---|---|
| INCH/MM | NTS |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.0100 |
| 2 PLACES | ± 0.250 | ± 0.014 |
| 1 PLACE | ± 0.36 | ± |
| 0 PLACES | ± | ± |
| ANGULAR TOL | ± 0.5° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: 1.ADD THE PLANT ID AND SERIES NO VIEW
2.ADD POLARIZATION VIEW

STATUS: Production
DRWN: Zi Xuan Qin 2026-04-14
CHK'D: Zi Xuan Qin 2026-04-24
APPR: Xue Qing Zhang 2026-04-24

INITIAL REVISION:
DRWN: SAMIEC 2000/03/15
APPR: FSMITH 2016/02/26

molex

MICRO FIT (3.0) RIGHT ANGLE SMT, NAILS DUAL ROW HEADER

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-43045-004 | PSD | 000 | G8 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 43045 | SEE CHART | GENERAL MARKET | 2 OF 2 |

FORMAT: EngAdgs-TC4S-prod-C
REVISION: B
DATE: 2023/10/23