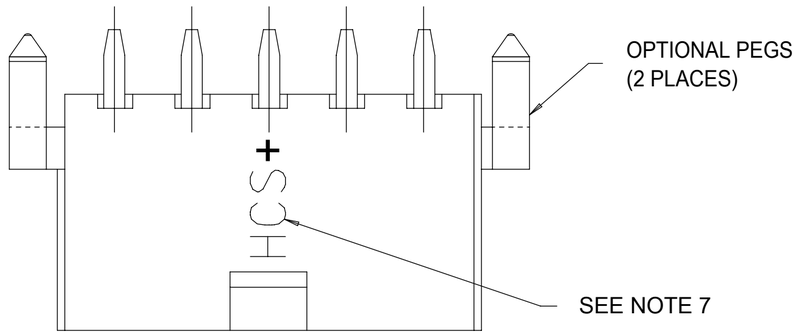
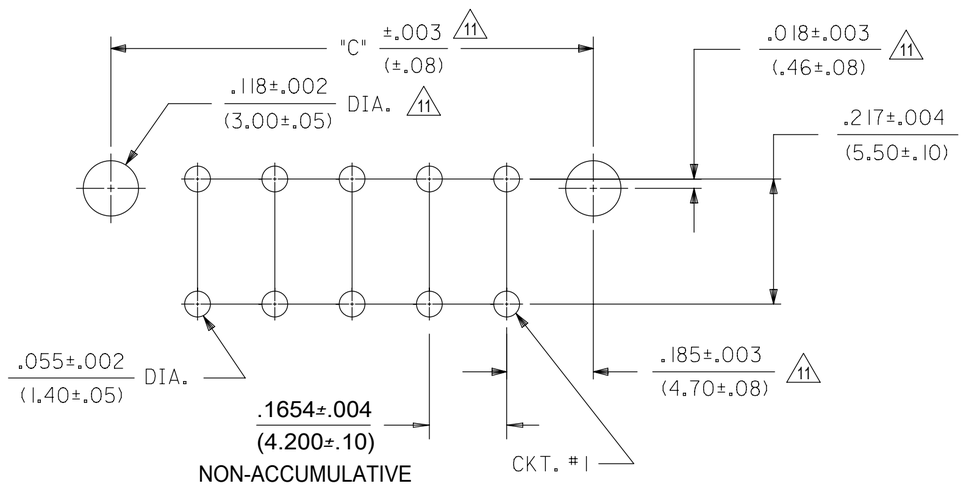
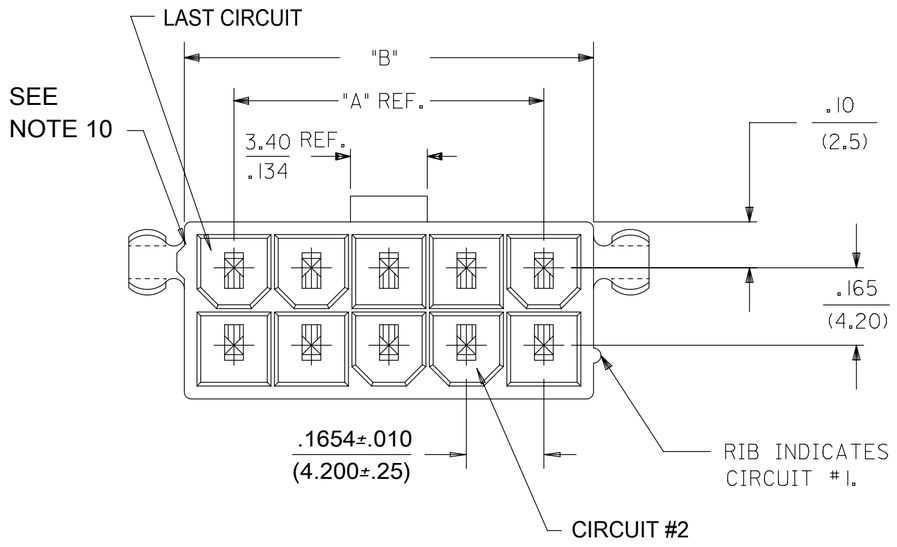
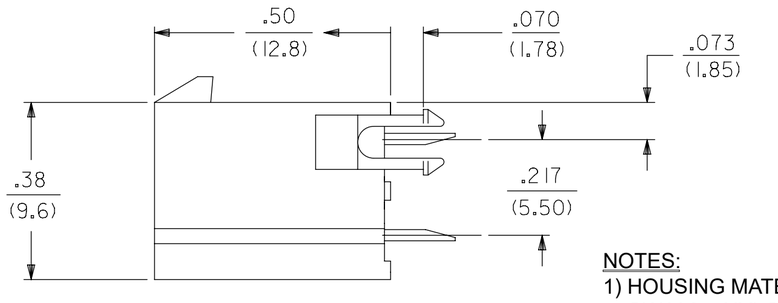


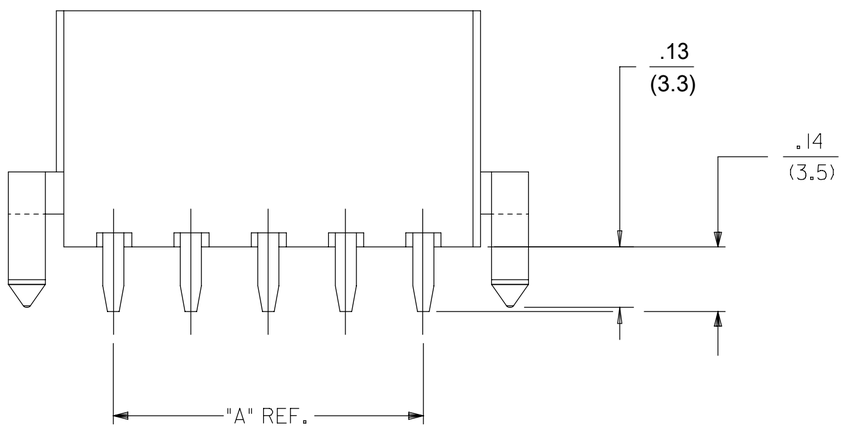




RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P. C. BOARD

| CIRCUIT SIZE | DIM. "A" | DIM. "B" | DIM. "C" |
|---|---|---|---|
| 2 | — | .21 (5.4) | .370 (9.40) |
| 4 | .17 (4.2) | .38 (9.6) | .535 (13.60) |
| 6 | .33 (8.4) | .54 (13.8) | .701 (17.80) |
| 8 | .50 (12.6) | .71 (18.0) | .866 (22.00) |
| 10 | .66 (16.8) | .87 (22.2) | 1.031 (26.20) |
| 12 | .83 (21.0) | 1.04 (26.4) | 1.197 (30.40) |
| 14 | .99 (25.2) | 1.20 (30.6) | 1.362 (34.60) |
| 16 | 1.16 (29.4) | 1.37 (34.8) | 1.528 (38.80) |
| 18 | 1.32 (33.6) | 1.54 (39.0) | 1.693 (43.00) |
| 20 | 1.49 (37.8) | 1.70 (43.2) | 1.858 (47.20) |
| 22 | 1.65 (42.0) | 1.87 (47.4) | 2.024 (51.40) |
| 24 | 1.82 (46.2) | 2.03 (51.6) | 2.189 (55.60) |




NOTES:
1) HOUSING MATERIAL:
GW V-2 = NYLON UL94V-2, COLOR: BLACK
IEC 60335-1 5TH EDITION GLOW WIRE CAPABLE
GW V-0 = NYLON UL94V-0, COLOR: BLACK
IEC 60335-1 5TH EDITION GLOW WIRE CAPABLE
TERMINAL MATERIAL: COPPER ALLOY.
2) TERMINAL PLATING:
TIN = .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL
GOLD = .000030/(.00080) MIN. SELECT GOLD, .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL
3) PRODUCT SPECIFICATION: PS-45750-001.
4) PACKAGING SPECIFICATION: PK-5566-001.
5) PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 46992
6) PART IS NOT TO MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.
7) PARTS TO HAVE "HCS+" MARKING.
8) PART CONFORMS TO CLASS B OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH, AND SINK MEET CLASS "C" REQUIREMENTS.
9) PART IS NOT DESIGNED FOR CURRENT SHARING.
10) ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.
11. LOCATION OF .118/3.00 DIAMTER HOLES ON P.C. BOARD IS FOR OPTIONAL PEGS.

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

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

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 803320
DRWN: JERRYW8 2024/07/30
CHK'D: XQZHANG 2024/11/13
APPR: XQZHANG 2024/11/13

INITIAL REVISION:
DRWN: JDFOX 2014/05/15
APPR: FSMITH 2014/06/23

molex

VERTICAL HEADER ASSEMBLY
DUAL ROW GLOW WIRE MINI-FIT PLUS HCS SERIES

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-172675-0000 | PSD | 000 | A2 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 172675 | SEE CHART | GENERAL MARKET | 1 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/11/13 04:57:31 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E1
DATE: 2021/05/01

| ITEM NO. | CKT SIZE | HOUSING MATERIAL | PEGS | PLATING |
|---|---|---|---|---|
| 172675-0213 | 2 | GW V-2 | YES | TIN |
| 172675-0214 | | GW V-2 | YES | GOLD |
| 172675-0413 | 4 | GW V-2 | YES | TIN |
| 172675-0414 | | GW V-2 | YES | GOLD |
| 172675-0613 | 6 | GW V-2 | YES | TIN |
| 172675-0614 | | GW V-2 | YES | GOLD |
| 172675-0813 | 8 | GW V-2 | YES | TIN |
| 172675-0814 | | GW V-2 | YES | GOLD |
| 172675-1013 | 10 | GW V-2 | YES | TIN |
| 172675-1014 | | GW V-2 | YES | GOLD |
| 172675-1213 | 12 | GW V-2 | YES | TIN |
| 172675-1214 | | GW V-2 | YES | GOLD |

| ITEM NO. | CKT SIZE | HOUSING MATERIAL | PEGS | PLATING |
|---|---|---|---|---|
| 172675-0215 | 2 | GW V-2 | NO | TIN |
| 172675-0216 | | GW V-2 | NO | GOLD |
| 172675-0415 | 4 | GW V-2 | NO | TIN |
| 172675-0416 | | GW V-2 | NO | GOLD |
| 172675-0615 | 6 | GW V-2 | NO | TIN |
| 172675-0616 | | GW V-2 | NO | GOLD |
| 172675-0815 | 8 | GW V-2 | NO | TIN |
| 172675-0816 | | GW V-2 | NO | GOLD |
| 172675-1015 | 10 | GW V-2 | NO | TIN |
| 172675-1016 | | GW V-2 | NO | GOLD |
| 172675-1215 | 12 | GW V-2 | NO | TIN |
| 172675-1216 | | GW V-2 | NO | GOLD |

| ITEM NO. | CKT SIZE | HOUSING MATERIAL | PEGS | PLATING |
|---|---|---|---|---|
| 172675-0617 | 6 | GW V-0 | NO | TIN |

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DIMENSION UNITS: IN/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 803320
DRWN: JERRYW8 2024/07/30
CHK'D: XQZHANG 2024/11/13
APPR: XQZHANG 2024/11/13

INITIAL REVISION:
DRWN: JDFOX 2014/05/15
APPR: FSMITH 2014/06/23

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 172675

molex

VERTICAL HEADER ASSEMBLY
DUAL ROW GLOW WIRE MINI-FIT PLUS HCS SERIES

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-172675-0000 | PSD | 000 | A2 |

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/11/13 04:57:31 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E1
DATE: 2021/05/01