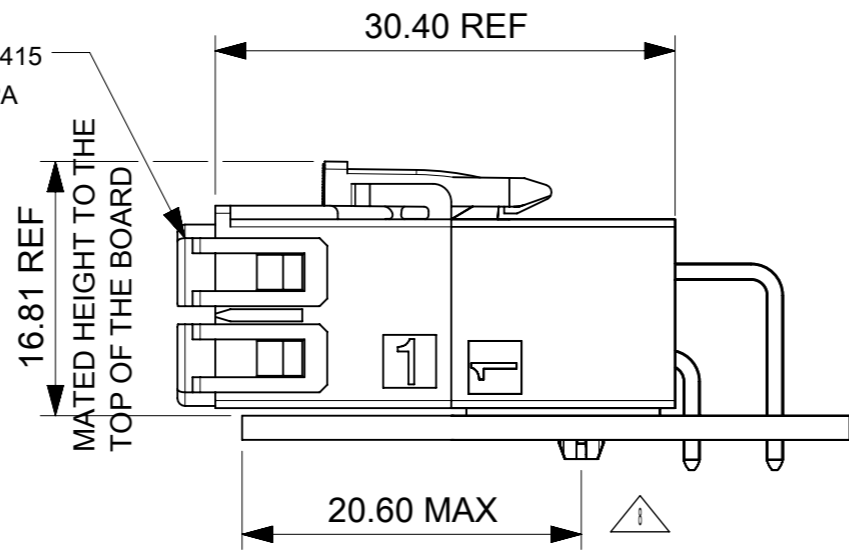
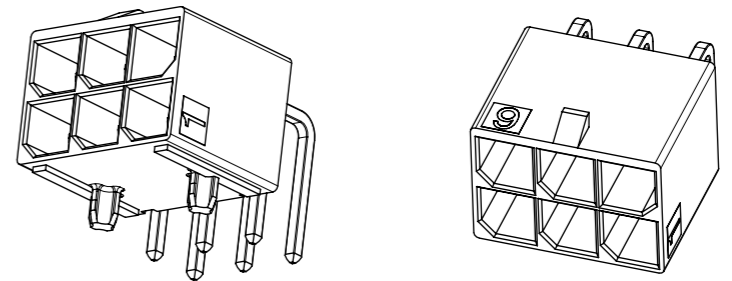
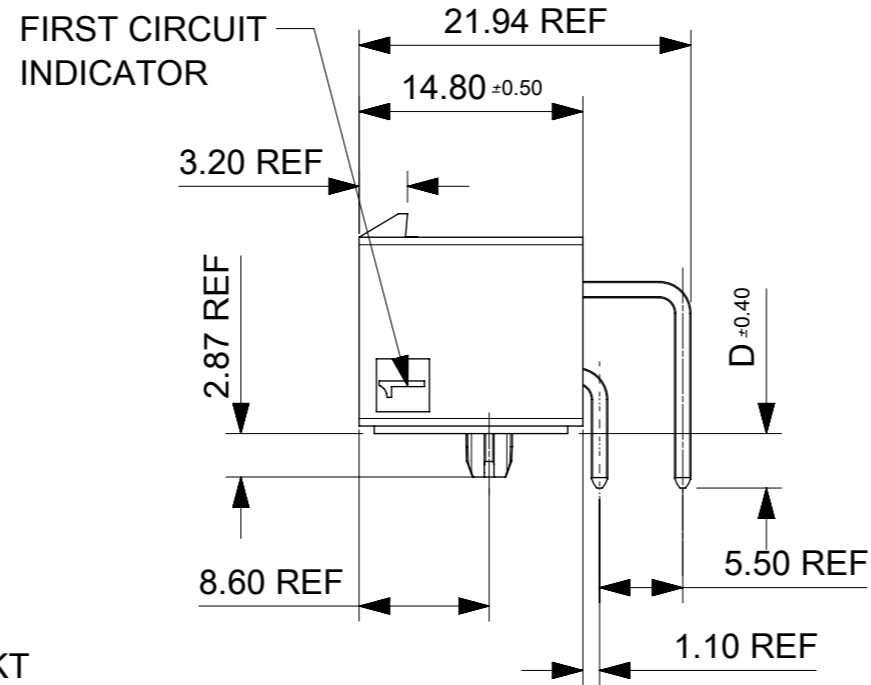


NONE-TPA VERSION



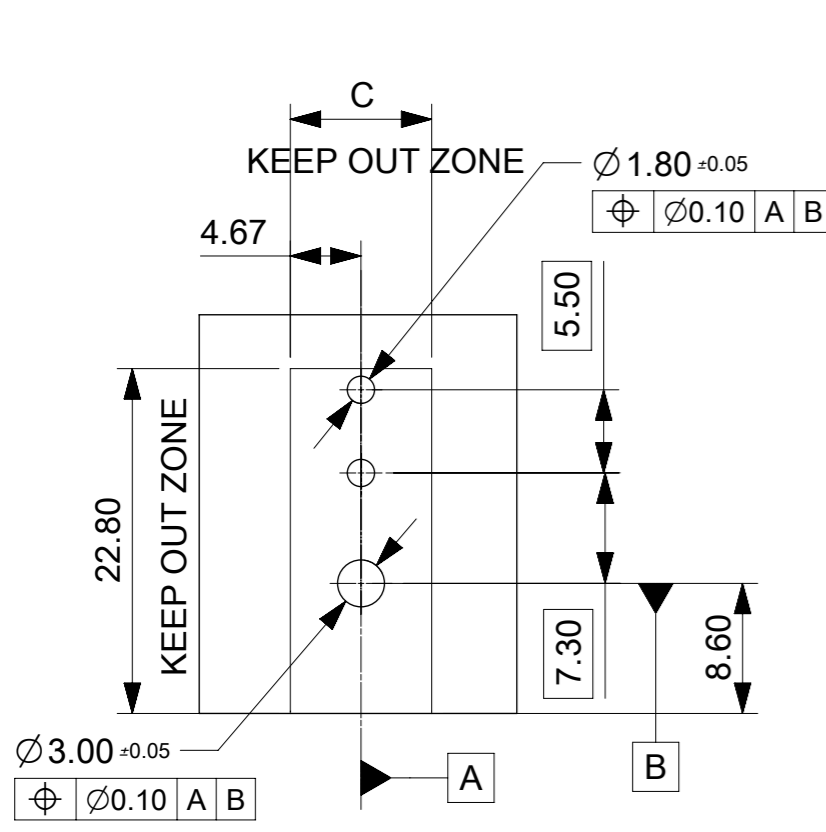
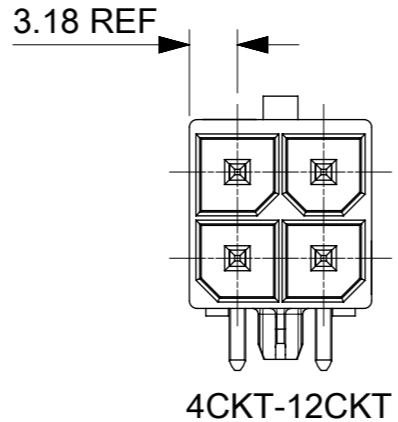
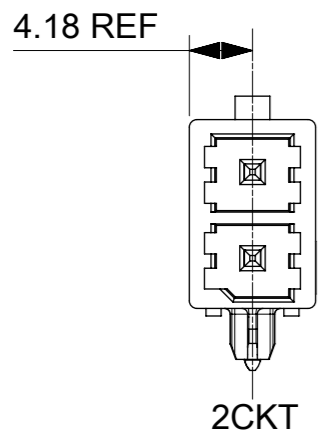
TPA-CAPABLE VERSION



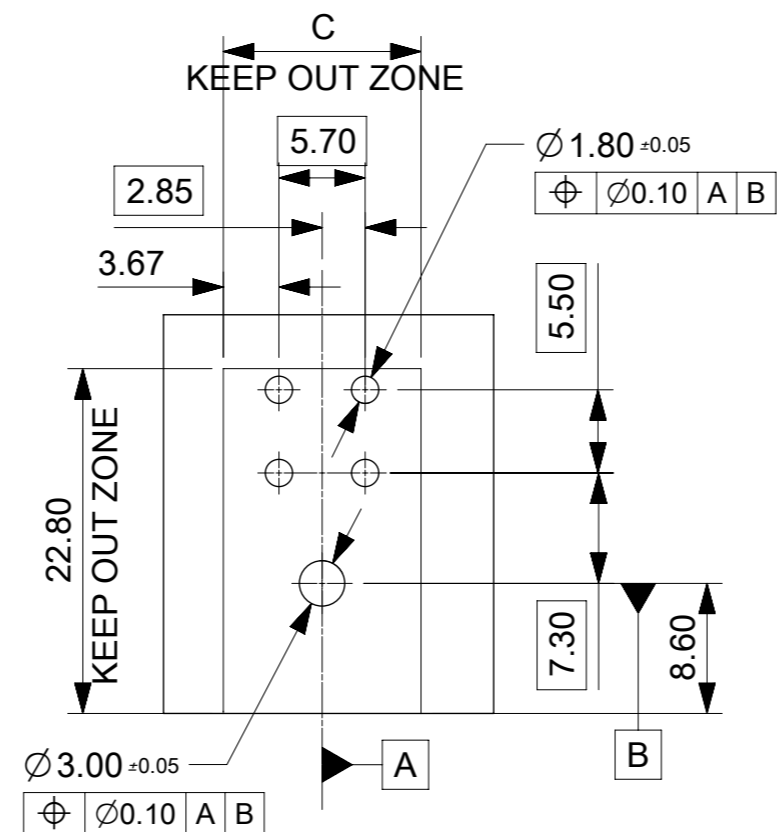
76825-0006 SHOWN

- NOTES:
- MATERIAL:
HOUSING LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION, COLOR: SEE CHART.
TERMINAL: HIGH CONDUCTIVITY COPPER.
 - TERMINAL PLATING:
(TIN) 1.52 MICROMETER MIN REFLOWED MATTE TIN OVER
1.27 MICROMETER MIN NICKEL OVERALL.
(15 GOLD) 0.38 MICROMETER MIN SELECTIVE GOLD ON CONTACT AREA
WITH 2.54 MICROMETER MIN SELECTIVE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER MIN NICKEL OVERALL.
(30 GOLD) 0.76 MICROMETER MIN SELECTIVE GOLD ON CONTACT AREA
WITH 2.54 MICROMETER MIN SELECTIVE TIN ON SOLDER AREA
BOTH OVER 1.27 MICROMETER MIN NICKEL OVERALL.
 - PRODUCT SPECIFICATION PS-76823-100, 1720631000-PS
 - PACKAGING: TRAY PACKED PER MOLEX SPECIFICATION PK-76825-0000, WHILE T&R IS 1720640900.
 - BLACK PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
NON-BLACK PART MATES WITH MOLEX PART NUMBER 224983 SERIES.S.
 - APPLICATION SPECIFICATION: AS-76823-100, 768232000-AS
 - PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN 20.6 MAX FROM EDGE OF PCB AS SHOWN FOR 4 THROUGH 12 CIRCUITS.
FOR 2 CIRCUIT PARTS THIS DIMENSION IS 15.1 MAX.

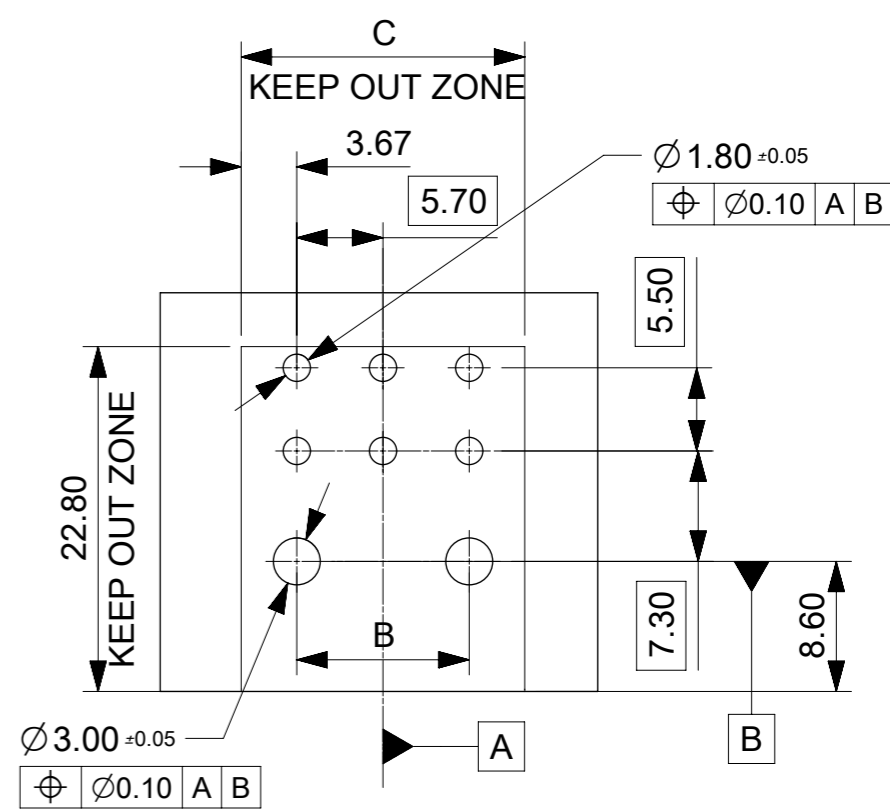
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|---|--|-------|--|------------------------|--|--------------|--|----------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | NTS | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL ± 3.0 ° | | | | | | | | | |
| 4 PLACES | | ± | | EC NO: 811742 | | 2024/11/07 | | | |
| 3 PLACES | | ± | | DRWN: WYATTH5 | | 2025/02/10 | | | |
| 2 PLACES | | ± 0.4 | | CHK'D: XQZHANG | | 2025/02/10 | | | |
| 1 PLACE | | ± 0.5 | | APPR: XQZHANG | | | | | |
| 0 PLACES | | ± | | INITIAL REVISION: | | | | | |
| | | | | DRWN: MKARADIMAS | | 2010/11/15 | | | |
| | | | | APPR: APATEL | | 2012/06/13 | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| | | | | A3-SIZE | | 76825 | | | |
| DOCUMENT NUMBER | | | | DOC TYPE | | DOC PART | | REVISION | |
| SD-76825-0100 | | | | PSD | | 000 | | F3 | |
| MATERIAL NUMBER | | | | CUSTOMER | | SHEET NUMBER | | | |
| SEE TABLE | | | | GENERAL MARKET | | 1 OF 4 | | | |



PCB LAYOUT: COMPONENT SIDE
 RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN
 TO 2.36 MM/.093 IN



PCB LAYOUT: COMPONENT SIDE
 RECOMENDED PCB THICKNESS: 1.58 MM/.062 IN
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PCB LAYOUT: COMPONENT SIDE
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| | | | | | | | | | |
|---|--|------------------------|--|-------------------|--|--------------|--|----------------------|--|
| 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: | | | | molex | |
| mm | | NTS | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | | | | | | |
| 4 PLACES ± | | | | | | | | | |
| 3 PLACES ± | | | | | | | | | |
| 2 PLACES ± 0.4 | | | | | | | | | |
| 1 PLACE ± 0.5 | | | | | | | | | |
| 0 PLACES ± | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | | | A3-SIZE | | 76825 | | SEE TABLE | |
| EC NO: 811742 | | | | DRWN: WYATTH5 | | 2024/11/07 | | SD-76825-0100 | |
| CHK'D: XQZHANG | | | | APPR: XQZHANG | | 2025/02/10 | | | |
| INITIAL REVISION: | | | | DRWN: MKARADIMAS | | 2010/11/15 | | DOC TYPE | |
| APPR: APATEL | | | | APPR: APATEL | | 2012/06/13 | | DOC PART | |
| | | | | | | | | REVISION | |
| | | | | | | | | F3 | |
| DOCUMENT NUMBER | | | | CUSTOMER | | SHEET NUMBER | | | |
| SD-76825-0100 | | | | GENERAL MARKET | | 2 OF 4 | | | |

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| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/02/10 | 03:45:50 |
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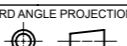
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 REVISION: 11
 DATE: 2021/05/01

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|---|--|------------------------|----------------------|---|-------------------|-------------------|-------------------|-------------------|---------------------|---|---|--|-------------------|--|--------------|--|-----------------|-------|--|--|----|-----|--|--|---|--|--|--|--|--|--------------------------|--|-------------|---------|--|--|-----------------|--|----------|---|---------------|--|---------------|--|----------|---|---------------|------------|----------|----------|----------|-------|----------------|------------|-----|-----|---------|-------|---------------|------------|----------|--|----------|---|-------------------|--|----|--|--|--|------------------------|---------|--------|-----------------|--|--|--|---------|-------|----------|--|--|--|--|--|----------------|--|--|--|--|--|--------------|--|--|--|--|--|--------|
| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | CKT | POLARIZATION-BLACK | POLARIZATION-NATURAL | POLARIZATION-RED | POLARIZATION-BLUE | POLARIZATION-BLUE | POLARIZATION-BLUE | POLARIZATION-BLUE | POLARIZATION-YELLOW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 CKT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | 4 CKT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | 6 CKT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 CKT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | 10 CKT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | 12 CKT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | <table border="1"> <tr> <td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td> <td colspan="2">CURRENT REV DESC:</td> <td colspan="2" rowspan="2">molex</td> </tr> <tr> <td>DIMENSION UNITS</td> <td>SCALE</td> <td colspan="2"></td> </tr> <tr> <td>mm</td> <td>NTS</td> <td colspan="2"></td> <td colspan="2">MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT</td> </tr> <tr> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> <td colspan="2"></td> <td colspan="2">PRODUCT CUSTOMER DRAWING</td> </tr> <tr> <td>ANGULAR TOL</td> <td>± 3.0 °</td> <td colspan="2"></td> <td colspan="2">DOCUMENT NUMBER</td> </tr> <tr> <td>4 PLACES</td> <td>±</td> <td>EC NO: 811742</td> <td></td> <td colspan="2">SD-76825-0100</td> </tr> <tr> <td>3 PLACES</td> <td>±</td> <td>DRWN: WYATTH5</td> <td>2024/11/07</td> <td>DOC TYPE</td> <td>DOC PART</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.4</td> <td>CHK'D: XQZHANG</td> <td>2025/02/10</td> <td>PSD</td> <td>000</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.5</td> <td>APPR: XQZHANG</td> <td>2025/02/10</td> <td colspan="2">REVISION</td> </tr> <tr> <td>0 PLACES</td> <td>±</td> <td colspan="2">INITIAL REVISION:</td> <td colspan="2">F3</td> </tr> <tr> <td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td> <td>THIRD ANGLE PROJECTION</td> <td>DRAWING</td> <td>SERIES</td> <td>MATERIAL NUMBER</td> </tr> <tr> <td colspan="2"></td> <td></td> <td>A3-SIZE</td> <td>76825</td> <td>CUSTOMER</td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td>GENERAL MARKET</td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td>SHEET NUMBER</td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td>3 OF 4</td> </tr> </table> | | | | | | | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: | | molex | | DIMENSION UNITS | SCALE | | | mm | NTS | | | MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | PRODUCT CUSTOMER DRAWING | | ANGULAR TOL | ± 3.0 ° | | | DOCUMENT NUMBER | | 4 PLACES | ± | EC NO: 811742 | | SD-76825-0100 | | 3 PLACES | ± | DRWN: WYATTH5 | 2024/11/07 | DOC TYPE | DOC PART | 2 PLACES | ± 0.4 | CHK'D: XQZHANG | 2025/02/10 | PSD | 000 | 1 PLACE | ± 0.5 | APPR: XQZHANG | 2025/02/10 | REVISION | | 0 PLACES | ± | INITIAL REVISION: | | F3 | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | | | | A3-SIZE | 76825 | CUSTOMER | | | | | | GENERAL MARKET | | | | | | SHEET NUMBER | | | | | | 3 OF 4 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: | | molex | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIMENSION UNITS | SCALE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| mm | NTS | | | MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | PRODUCT CUSTOMER DRAWING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR TOL | ± 3.0 ° | | | DOCUMENT NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± | EC NO: 811742 | | SD-76825-0100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± | DRWN: WYATTH5 | 2024/11/07 | DOC TYPE | DOC PART | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.4 | CHK'D: XQZHANG | 2025/02/10 | PSD | 000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.5 | APPR: XQZHANG | 2025/02/10 | REVISION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACES | ± | INITIAL REVISION: | | F3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | A3-SIZE | 76825 | CUSTOMER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | GENERAL MARKET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | SHEET NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 3 OF 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DOCUMENT STATUS | P1 | RELEASE DATE | 2025/02/10 | 03:45:50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|----------|-------------|---------|-------|-------|-------|-------|---------|--------------|---------|
| | CKT SIZE | PART NO. | PLATING | DIM A | DIM B | DIM C | DIM D | PK SPEC | HEADER COLOR | |
| F | 2 | 76825-0002 | TIN | 8.35 | N/A | 9.35 | 3.60 | TRAY | BLACK | NATURAL |
| | 4 | 76825-0004 | TIN | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 76825-0006 | TIN | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 76825-0008 | TIN | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 76825-0010 | TIN | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 76825-0012 | TIN | 34.85 | 28.5 | 35.85 | 3.60 | | | |
| E | 2 | 76825-0102 | TIN | 8.35 | N/A | 9.35 | 2.50 | | | |
| | 4 | 76825-0104 | TIN | 12.05 | N/A | 13.05 | 2.50 | | | |
| | 6 | 76825-0106 | TIN | 17.75 | 11.4 | 18.75 | 2.50 | | | |
| | 8 | 76825-0108 | TIN | 23.45 | 17.1 | 24.45 | 2.50 | | | |
| | 10 | 76825-0110 | TIN | 29.15 | 22.8 | 30.15 | 2.50 | | | |
| | 12 | 76825-0112 | TIN | 34.85 | 28.5 | 35.85 | 2.50 | | | |
| D | 2 | 172064-0002 | 15 GOLD | 8.35 | N/A | 9.35 | 3.60 | | | |
| | 4 | 172064-0004 | 15 GOLD | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 172064-0006 | 15 GOLD | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 172064-0008 | 15 GOLD | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 172064-0010 | 15 GOLD | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 172064-0012 | 15 GOLD | 34.85 | 28.5 | 35.85 | 3.60 | | | |
| | 2 | 172064-1002 | 30 GOLD | 8.35 | N/A | 9.35 | 3.60 | | | |
| | 4 | 172064-1004 | 30 GOLD | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 172064-1006 | 30 GOLD | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 172064-1008 | 30 GOLD | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 172064-1010 | 30 GOLD | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 172064-1012 | 30 GOLD | 34.85 | 28.5 | 35.85 | 3.60 | | | |
| C | 2 | 76825-0902 | TIN | 8.35 | N/A | 9.35 | 3.60 | | | |
| | 4 | 76825-0904 | TIN | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 76825-0906 | TIN | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 76825-0908 | TIN | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 76825-0910 | TIN | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 76825-0912 | TIN | 34.85 | 28.5 | 35.85 | 3.60 | | | |
| | 2 | 172064-0902 | 15 GOLD | 8.35 | N/A | 9.35 | 3.60 | | | |
| | 4 | 172064-0904 | 15 GOLD | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 172064-0906 | 15 GOLD | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 172064-0908 | 15 GOLD | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 172064-0910 | 15 GOLD | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 172064-0912 | 15 GOLD | 34.85 | 28.5 | 35.85 | 3.60 | | | |
| B | 2 | 172064-1902 | 30 GOLD | 8.35 | N/A | 9.35 | 3.60 | | | |
| | 4 | 172064-1904 | 30 GOLD | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 172064-1906 | 30 GOLD | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 172064-1908 | 30 GOLD | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 172064-1910 | 30 GOLD | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 172064-1912 | 30 GOLD | 34.85 | 28.5 | 35.85 | 3.60 | | | |

| | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|----------|-------------|-------------|-------------|-------|-------|-------|---------|--------------|---------|
| | CKT SIZE | PART NO. | PLATING | DIM A | DIM B | DIM C | DIM D | PK SPEC | HEADER COLOR | |
| F | 2 | 172064-0202 | TIN | 8.35 | N/A | 9.35 | 3.60 | TRAY | BLACK | NATURAL |
| | 4 | 172064-0204 | | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 172064-0206 | | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 172064-0208 | | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 172064-0210 | | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 172064-0212 | | 34.85 | 28.5 | 35.85 | 3.60 | | | |
| | E | 2 | | 172064-0302 | 8.35 | N/A | 9.35 | | | 3.60 |
| | | 4 | | 172064-0304 | 12.05 | N/A | 13.05 | | | 3.60 |
| | | 6 | | 172064-0306 | 17.75 | 11.4 | 18.75 | | | 3.60 |
| | | 8 | | 172064-0308 | 23.45 | 17.1 | 24.45 | | | 3.60 |
| | | 10 | | 172064-0310 | 29.15 | 22.8 | 30.15 | | | 3.60 |
| | | 12 | | 172064-0312 | 34.85 | 28.5 | 35.85 | | | 3.60 |
| D | 2 | 172064-0402 | | 8.35 | N/A | 9.35 | 3.60 | | | |
| | 4 | 172064-0404 | | 12.05 | N/A | 13.05 | 3.60 | | | |
| | 6 | 172064-0406 | | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | 8 | 172064-0408 | | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | 10 | 172064-0410 | | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | 12 | 172064-0412 | | 34.85 | 28.5 | 35.85 | 3.60 | | | |
| | C | 2 | 172064-0502 | 8.35 | N/A | 9.35 | 3.60 | | | |
| | | 4 | 172064-0504 | 12.05 | N/A | 13.05 | 3.60 | | | |
| | | 6 | 172064-0506 | 17.75 | 11.4 | 18.75 | 3.60 | | | |
| | | 8 | 172064-0508 | 23.45 | 17.1 | 24.45 | 3.60 | | | |
| | | 10 | 172064-0510 | 29.15 | 22.8 | 30.15 | 3.60 | | | |
| | | 12 | 172064-0512 | 34.85 | 28.5 | 35.85 | 3.60 | | | |

PRE-RELEASE
REFERENCE
USE ONLY

| | | | | | | | | | | |
|---|---------|--|------------|--------|-------------------|----------------|--------------|----------|----------|----------|
| 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: | | | | | | | | |
| mm | NTS |  MEGA-FIT RIGHT ANGLE HEADER R/A HEADER ASSY 2-12 CKT PRODUCT CUSTOMER DRAWING | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | |
| ANGULAR TOL | ± 3.0 ° | | | | | | | | | |
| 4 PLACES | ± | | | | | | | | | |
| 3 PLACES | ± | | | | | | | | | |
| 2 PLACES | ± 0.4 | EC NO: 811742 | 2024/11/07 | | DOCUMENT NUMBER | | | DOC TYPE | DOC PART | REVISION |
| 1 PLACE | ± 0.5 | DRWN: WYATTH5 | 2025/02/10 | | SD-76825-0100 | | | PSD | 000 | F3 |
| 0 PLACES | ± | CHK'D: XQZHANG | 2025/02/10 | | INITIAL REVISION: | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | | |
| | |  | A3-SIZE | 76825 | SEE TABLE | GENERAL MARKET | 4 OF 4 | | | |

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| DOCUMENT STATUS | RELEASE DATE |
|-----------------|--------------|