



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: AS REQUIRED
4. "XX" REFERS TO THE QUANTITY OF CIRCUITS

| TOLERANCES | | | |
|------------|-------|------------|-------|
| MM | TOL | INCH | TOL |
| 0-6 | ±0.25 | 0-.24 | ±.010 |
| >6-30 | ±0.40 | >.24-1.18 | ±.016 |
| >30-120 | ±0.50 | >1.18-4.76 | ±.020 |
| >120 | ±0.80 | >4.76 | ±.031 |

| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |
|------|------|--|-----------------|--------------------|
| 5 | XX | SCREW,#6-32X.250,PAN,PH-SL W/SQ WSHR (-50 OPT) | STEEL | ZN, CLEAR CHROMATE |
| 4 | XX | SCREW,#6-32X.250,PAN,PHIL-SLOT (-49 OPT) | BRASS | NICKEL PLATE |
| 3 | XX | SCREW,#6-32X.250,BHD,PHIL-SLOT (STD) | STEEL | ZN, CLEAR CHROMATE |
| 2 | XX | TERMINAL, CLOSED BACK, 6C | BRASS | TIN PLATE |
| 1 | 1 | SR BTS CB MO MTG | POLYESTER (PBT) | BLACK |
| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |

| | | | | | | | | | |
|---|--|---------------------------------------|--|---------|--|---|--|-----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| FUNCTIONAL SYMBOLS | | DIMENSION UNITS | | SCALE | | CURRENT REV DESC: MIGRATED TO NX. ADDED P/N 387300303 FOR -49 OPT. ASSY | | | |
| FA = 0 | | MM/INCH | | 2:1 | | | | | |
| FE = 0 | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | |
| FP = 0 | | MM | | INCH | | | | | |
| DIVISIONAL SYMBOLS | | 4 PLACES | | ± | | --- | | --- | |
| | | 3 PLACES | | ± | | --- | | SEE CHART | |
| | | 2 PLACES | | ± | | --- | | SEE CHART | |
| | | 1 PLACE | | ± | | --- | | SEE CHART | |
| | | 0 PLACES | | ± | | --- | | --- | |
| | | ANGULAR TOL | | ± | | --- | | --- | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | B-SIZE | | 38730 | | SEE SHEET-2 | | CUSTOMER | |
| | | | | | | | | SHEET NUMBER | |
| | | | | | | | | 1 OF 2 | |

molex

.438" SINGLE ROW PCB BARRIER TERMINAL STRIP

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-38730-005

DOC TYPE: PSD

DOC PART: 001

REVISION: B1

| NO. OF CIRCUITS | DIM. "A" | | DIM. "B" | | DIM. "C" | | MATERIAL NO. (STANDARD) | MATERIAL NO. (-49 OPTIONAL) | MATERIAL NO. (-50 OPTIONAL) |
|-----------------|----------|--------|----------|--------|----------|--------|-------------------------|-----------------------------|-----------------------------|
| | MM | INCH | MM | INCH | MM | INCH | | | |
| 2 | 43.51 | 1.713 | 11.12 | .438 | 33.35 | 1.313 | 387300102 | 387300702 | 387301302 |
| 3 | 54.62 | 2.150 | 22.21 | .874 | 44.50 | 1.752 | 387300103 | 387300303 | 387301303 |
| 4 | 65.73 | 2.587 | 33.30 | 1.311 | 55.63 | 2.190 | 387300104 | 387300704 | 387301304 |
| 5 | 76.84 | 3.024 | 44.39 | 1.748 | 66.75 | 2.628 | 387300105 | 387300705 | 387301305 |
| 6 | 87.95 | 3.461 | 55.48 | 2.185 | 77.88 | 3.066 | 387300106 | 387300706 | 387301306 |
| 7 | 99.06 | 3.898 | 66.58 | 2.622 | 89.00 | 3.504 | 387300107 | 387300707 | 387301307 |
| 8 | 110.17 | 4.335 | 77.66 | 3.059 | 100.13 | 3.942 | 387300108 | 387300708 | 387301308 |
| 9 | 121.28 | 4.772 | 88.75 | 3.496 | 111.25 | 4.380 | 387300109 | 387300709 | 387301309 |
| 10 | 132.39 | 5.209 | 99.84 | 3.933 | 122.38 | 4.818 | 387300110 | 387300710 | 387301310 |
| 11 | 143.50 | 5.646 | 110.94 | 4.370 | 133.50 | 5.256 | 387300111 | 387300711 | 387301311 |
| 12 | 154.61 | 6.083 | 122.02 | 4.807 | 144.63 | 5.694 | 387300112 | 387300712 | 387301312 |
| 13 | 165.72 | 6.520 | 133.12 | 5.244 | 155.75 | 6.132 | 387300113 | 387300713 | 387301313 |
| 14 | 176.83 | 6.957 | 144.20 | 5.681 | 166.88 | 6.570 | 387300114 | 387300714 | 387301314 |
| 15 | 187.94 | 7.394 | 155.30 | 6.118 | 178.00 | 7.008 | 387300115 | 387300715 | 387301315 |
| 16 | 199.05 | 7.831 | 166.38 | 6.555 | 189.13 | 7.446 | 387300116 | 387300716 | 387301316 |
| 17 | 210.16 | 8.268 | 177.48 | 6.992 | 200.25 | 7.884 | 387300117 | 387300717 | 387301317 |
| 18 | 221.27 | 8.705 | 188.56 | 7.429 | 211.38 | 8.322 | 387300118 | 387300718 | 387301318 |
| 19 | 232.38 | 9.142 | 199.65 | 7.866 | 222.50 | 8.760 | 387300119 | 387300719 | 387301319 |
| 20 | 243.49 | 9.579 | 210.74 | 8.303 | 233.63 | 9.198 | 387300120 | 387300720 | 387301320 |
| 21 | 254.60 | 10.016 | 221.84 | 8.740 | 244.75 | 9.636 | 387300121 | 387300721 | 387301321 |
| 22 | 265.71 | 10.453 | 232.92 | 9.177 | 255.88 | 10.074 | 387300122 | 387300722 | 387301322 |
| 23 | 276.82 | 10.890 | 244.02 | 9.614 | 267.00 | 10.512 | 387300123 | 387300723 | 387301323 |
| 24 | 287.93 | 11.327 | 255.10 | 10.051 | 278.13 | 10.950 | 387300124 | 387300724 | 387301324 |
| 25 | 299.04 | 11.764 | 266.20 | 10.488 | 289.26 | 11.388 | 387300125 | 387300725 | 387301325 |
| 26 | 310.15 | 12.201 | 277.49 | 10.925 | 300.38 | 11.826 | 387300126 | 387300726 | 387301326 |

B1

| TOLERANCES | | | |
|------------|-------|------------|-------|
| MM | TOL | INCH | TOL |
| 0-6 | ±0.25 | 0-.24 | ±.010 |
| >6-30 | ±0.40 | >.24-1.18 | ±.016 |
| >30-120 | ±0.50 | >1.18-4.76 | ±.020 |
| >120 | ±0.80 | >4.76 | ±.031 |

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|---|--|-----|-------------|---|--|-----------|--|--|--|--|--|--|-----------------|--|--|--|--|
| FUNCTIONAL SYMBOLS | | | | | | | | | | 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: MIGRATED TO NX. ADDED P/N 387300303 FOR -49 OPT. ASSY | | | | | | | | | |
| MM/INCH | | | | | 1:1 | | | | | <p>molex</p> <p>.438" SINGLE ROW PCB BARRIER TERMINAL STRIP</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>EC NO: 712750 DRWN: ABENJAMINLW CHKD: DACHAMMER APPR: JFMURPHY</p> <p>INITIAL REVISION: DRWN: JENCINAS APPR: JMACNEIL</p> <p>2022/06/29 2022/06/29 2022/07/15</p> <p>2008/04/30 2008/04/30</p> | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | | ± | | --- | | ± | | --- | | | | | | | | | | | |
| 3 PLACES | | ± | | --- | | ± | | SEE CHART | | | | | | | | | | | |
| 2 PLACES | | ± | | --- | | ± | | SEE CHART | | | | | | | | | | | |
| 1 PLACE | | ± | | --- | | ± | | --- | | | | | | | | | | | |
| 0 PLACES | | ± | | --- | | ± | | --- | | | | | | | | | | | |
| DIVISIONAL SYMBOLS | | | | | ANGULAR TOL | | | | | THIRD ANGLE PROJECTION | | | | | DRAWING | | | | |
| | | | | | ± | | | | | B-SIZE | | | | | SERIES | | | | |
| | | | | | | | | | | 38730 | | | | | MATERIAL NUMBER | | | | |
| | | | | | | | | | | | | | | | CUSTOMER | | | | |
| | | | | | | | | | | | | | | | GENERAL MARKET | | | | |
| | | | | | | | | | | | | | | | SHEET NUMBER | | | | |
| | | | | | | | | | | | | | | | 2 OF 2 | | | | |