



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              |
|      |      |  |                 |                    |
|      |      |  |                 |                    |

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

FUNCTIONAL SYMBOLS:  $\nabla_A = 0$ ,  $\nabla_E = 0$ ,  $\nabla_P = 0$

DIMENSION UNITS: MM/INCH, SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± --- ± ---, 3 PLACES ± --- ± SEE CHART, 2 PLACES ± SEE CHART ± SEE CHART, 1 PLACE ± SEE CHART ± ---, 0 PLACES ± --- ± ---

ANGULAR TOL: ± ---

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: B-SIZE, SERIES: 38730

CURRENT REV DESC: MIGRATED TO NX. ADDED P/N 387300303 FOR -49 OPT. ASSY

EC NO: 712750  
 DRWN: ABENJAMINLW 2022/06/29  
 CHKD: DACHAMMER 2022/06/29  
 APPR: JFMURPHY 2022/07/15

INITIAL REVISION:  
 DRWN: JENCINAS 2008/04/30  
 APPR: JMACNEIL 2008/04/30

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-38730-005, DOC TYPE: PSD, DOC PART: 001, REVISION: B1

MATERIAL NUMBER: SEE SHEET-2, CUSTOMER: GENERAL MARKET, SHEET NUMBER: 1 OF 2

| 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><b>molex</b></p> <p>.438" SINGLE ROW PCB BARRIER TERMINAL STRIP</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>EC NO: 712750<br/>         DRWN: ABENJAMINLW 2022/06/29<br/>         CHKD: DACHAMMER 2022/06/29<br/>         APPR: JFMURPHY 2022/07/15</p> <p>INITIAL REVISION:<br/>         DRWN: JENCINAS 2008/04/30<br/>         APPR: JMACNEIL 2008/04/30</p> |  |                        |  |           |  |   |  |                 |  |          |  |          |  |          |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |  |                      |  |   |  |                        |  |           |  |   |  |                 |  |          |  |          |  |          |  |
| 4 PLACES ± --- ± ---                                 |  | 3 PLACES ± --- ± --- |  |   |  |                        |  |           |  |   |  |                 |  |          |  |          |  |          |  |
| 2 PLACES ± --- ± ---                                 |  | 1 PLACE ± --- ± ---  |  |   |  |                        |  |           |  |   |  |                 |  |          |  |          |  |          |  |
| DIVISIONAL SYMBOLS                                   |  |                      |  | ANGULAR TOL ± ---   |  | THIRD ANGLE PROJECTION |  | DRAWING   |  | SERIES  |  | DOCUMENT NUMBER |  | DOC TYPE |  | DOC PART |  | REVISION |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |                      |  | B-SIZE  |  | 38730                  |  | SEE CHART |  | GENERAL MARKET  |  | SD-38730-005    |  | PSD      |  | 001      |  | B1       |  |