

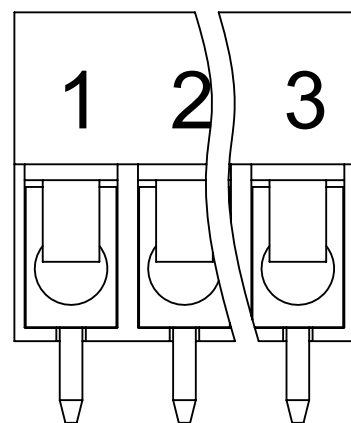
**SPECIFICATIONS**

1. MATERIAL:
  - (A). BODY: NYLON (PA66), UL94 V-0, COLOR: SEE SHEET-2
  - (B). SCREW: STEEL, M3.0, ZINC PLATED
  - (C). CONTACT: BRASS, NICKEL PLATED
  - (D). TERMINAL BLOCK: BRASS, TIN PLATED
2. WIRE RATING: 24-14 AWG
3. ELECTRICAL RATING: 300V, 15A
4. POWER-FREQUENCY WITHSTAND: AC 2500V/1 MIN
5. INSULATION RESISTANCE: DC500V 500MΩ OR ABOVE
6. RATED IMPULSE VOLTAGE: 4000V/MINUS AND PLUS 5 TIMES EACH
7. WIRE STRIP LENGTH: 7.0mm [.28inch]
8. SCREW TORQUE (MAX): 0.34 N.m (3.0 lbf.in)
9. OPERATING TEMPERATURE: -40°C TO +105°C
10. NUMBER OF CIRCUITS: 2 TO 24, SEE SHEET-2

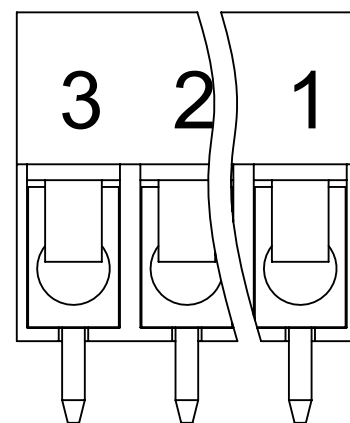
| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|   |  |                 |  |                   |            |                 |                |                   |                |            |            |
|---|--|-----------------|--|-------------------|------------|-----------------|----------------|-------------------|----------------|------------|------------|
| 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 ECTR/NX & ADDED PCB LAYOUT   |                   |            |                 |                |                   |                |            |            |
| FA = 0  | MM/INCH  | 4:1             | <div style="text-align: center;"><b>molex</b></div> <p>EURO TERMINAL BLOCK<br/>5.00MM (.197) PITCH PC MOUNT, VERTICAL</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: <b>SD-39543-003</b>   DOC TYPE: PSD   DOC PART: 001   REVISION: B2</p> <p>MATERIAL NUMBER: SEE SHEET-2   CUSTOMER: GENERAL MARKET   SHEET NUMBER: 1 OF 2</p> |                   |            |                 |                |                   |                |            |            |
| FE = 0  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                 |  |                   |            |                 |                |                   |                |            |            |
| FD = 0  | 4 PLACES ±   | 3 PLACES ±      |  |                   |            |                 |                |                   |                |            |            |
| DIVISIONAL SYMBOLS  | 2 PLACES ±   | 1 PLACE ±       |  |                   |            |                 |                |                   |                |            |            |
|   | 0 PLACES ±   | ANGULAR TOL ± ° | EC NO: 637366  | DRWN: ABENJAMINLW | 2020/04/14 | 2020/05/18      | 2020/05/29     | INITIAL REVISION: | DRWN: LROTHAUS | 2006/01/09 | 2006/01/10 |
|   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                 | THIRD ANGLE PROJECTION   | DRAWING           | SERIES     | MATERIAL NUMBER | CUSTOMER       |                   |                |            |            |
|   |  |                 | ⊕  | B-SIZE            | 39543      | SEE SHEET-2     | GENERAL MARKET |                   |                |            |            |

| CIRCUIT SIZE | MATERIAL NUMBERS MOLDED TO LENGTH |           |           |                  |           |           | DIMENSIONAL INFORMATION |      |          |       |
|--------------|-----------------------------------|-----------|-----------|------------------|-----------|-----------|-------------------------|------|----------|-------|
|              | BLACK                             |           |           | GREEN            |           |           |                         |      |          |       |
|              | 100% TIN                          |           |           | 100% TIN         |           |           | DIM. "A"                |      | DIM. "B" |       |
|              | PRINTING OPTIONS                  |           |           | PRINTING OPTIONS |           |           | mm                      | inch | mm       | inch  |
| None         | 10A                               | 11A       | None      | 10A              | 11A       |           |                         |      |          |       |
| 2            | 395430002                         | 395431002 | 395432002 | 395930002        | 395931002 | 395932002 | 10.0                    | .39  | 5.00     | .197  |
| 3            | 395430003                         | 395431003 | 395432003 | 395930003        | 395931003 | 395932003 | 15.0                    | .59  | 10.00    | .394  |
| 4            | 395430004                         | 395431004 | 395432004 | 395930004        | 395931004 | 395932004 | 20.0                    | .79  | 15.00    | .591  |
| 5            | 395430005                         | 395431005 | 395432005 | 395930005        | 395931005 | 395932005 | 25.0                    | .98  | 20.00    | .787  |
| 6            | 395430006                         | 395431006 | 395432006 | 395930006        | 395931006 | 395932006 | 30.0                    | 1.18 | 25.00    | .984  |
| 7            | 395430007                         | 395431007 | 395432007 | 395930007        | 395931007 | 395932007 | 35.0                    | 1.38 | 30.00    | 1.181 |
| 8            | 395430008                         | 395431008 | 395432008 | 395930008        | 395931008 | 395932008 | 40.0                    | 1.57 | 35.00    | 1.378 |
| 9            | 395430009                         | 395431009 | 395432009 | 395930009        | 395931009 | 395932009 | 45.0                    | 1.77 | 40.00    | 1.575 |
| 10           | 395430010                         | 395431010 | 395432010 | 395930010        | 395931010 | 395932010 | 50.0                    | 1.97 | 45.00    | 1.772 |
| 11           | 395430011                         | 395431011 | 395432011 | 395930011        | 395931011 | 395932011 | 55.0                    | 2.17 | 50.00    | 1.969 |
| 12           | 395430012                         | 395431012 | 395432012 | 395930012        | 395931012 | 395932012 | 60.0                    | 2.36 | 55.00    | 2.165 |
| 13           | 395430013                         | 395431013 | 395432013 | 395930013        | 395931013 | 395932013 | 65.0                    | 2.56 | 60.00    | 2.362 |
| 14           | 395430014                         | 395431014 | 395432014 | 395930014        | 395931014 | 395932014 | 70.0                    | 2.76 | 65.00    | 2.559 |
| 15           | 395430015                         | 395431015 | 395432015 | 395930015        | 395931015 | 395932015 | 75.0                    | 2.95 | 70.00    | 2.756 |
| 16           | 395430016                         | 395431016 | 395432016 | 395930016        | 395931016 | 395932016 | 80.0                    | 3.15 | 75.00    | 2.953 |
| 17           | 395430017                         | 395431017 | 395432017 | 395930017        | 395931017 | 395932017 | 85.0                    | 3.35 | 80.00    | 3.150 |
| 18           | 395430018                         | 395431018 | 395432018 | 395930018        | 395931018 | 395932018 | 90.0                    | 3.54 | 85.00    | 3.346 |
| 19           | 395430019                         | 395431019 | 395432019 | 395930019        | 395931019 | 395932019 | 95.0                    | 3.74 | 90.00    | 3.543 |
| 20           | 395430020                         | 395431020 | 395432020 | 395930020        | 395931020 | 395932020 | 100.0                   | 3.94 | 95.00    | 3.740 |
| 21           | 395430021                         | 395431021 | 395432021 | 395930021        | 395931021 | 395932021 | 105.0                   | 4.13 | 100.00   | 3.937 |
| 22           | 395430022                         | 395431022 | 395432022 | 395930022        | 395931022 | 395932022 | 110.0                   | 4.33 | 105.00   | 4.134 |
| 23           | 395430023                         | 395431023 | 395432023 | 395930023        | 395931023 | 395932023 | 115.0                   | 4.53 | 110.00   | 4.331 |
| 24           | 395430024                         | 395431024 | 395432024 | 395930024        | 395931024 | 395932024 | 120.0                   | 4.72 | 115.00   | 4.528 |



REF. 10A PRINT OPT.



REF. 11A PRINT OPT.

| 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<br>FA = 0<br>FE = 0<br>FP = 0     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION  | CURRENT REV DESC: MIGRATED TO ECTR/NX & ADDED PCB LAYOUT |                               |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
|--|--|--|-------------------------------|---|----|------|----------|---|---|----------|---|-------------|----------|-------------|-------------|---------|-------------|---|----------|---|---|---|
|  | DIMENSION UNITS: MM/INCH   | SCALE: 3:1   | EC NO: 637366                 |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
|  | GENERAL TOLERANCES (UNLESS SPECIFIED)  |  |                               | EURO TERMINAL BLOCK<br>5.00MM (.197) PITCH PC MOUNT, VERTICAL |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
|  | <table border="1"> <thead> <tr> <th></th> <th>MM</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±</td> <td>±</td> </tr> <tr> <td>3 PLACES</td> <td>±</td> <td>± SEE CHART</td> </tr> <tr> <td>2 PLACES</td> <td>± SEE CHART</td> <td>± SEE CHART</td> </tr> <tr> <td>1 PLACE</td> <td>± SEE CHART</td> <td>±</td> </tr> <tr> <td>0 PLACES</td> <td>±</td> <td>±</td> </tr> </tbody> </table> |  |                               |   | MM | INCH | 4 PLACES | ± | ± | 3 PLACES | ± | ± SEE CHART | 2 PLACES | ± SEE CHART | ± SEE CHART | 1 PLACE | ± SEE CHART | ± | 0 PLACES | ± | ± | DRWN: ABENJAMINLW 2020/04/14<br>CHK'D: DACHAMMER 2020/05/18<br>APPR: JFMURPHY 2020/05/29<br>INITIAL REVISION:<br>DRWN: LROTHAUS 2006/01/09<br>APPR: JPAWLICK 2006/01/10 |
|  | MM   | INCH   |                               |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| 4 PLACES   | ±  | ±  |                               |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| 3 PLACES   | ±  | ± SEE CHART  |                               |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| 2 PLACES   | ± SEE CHART  | ± SEE CHART  |                               |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| 1 PLACE  | ± SEE CHART  | ±  |                               |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| 0 PLACES   | ±  | ±  |                               |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| DIVISIONAL SYMBOLS                                   |  |  | PRODUCT CUSTOMER DRAWING      |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| ANGULAR TOL ± °                                      |  |  | DOCUMENT NUMBER: SD-39543-003 |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |  | DOC TYPE: PSD                 |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| THIRD ANGLE PROJECTION                               |  |  | DOC PART: 001                 |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| DRAWING: B-SIZE                                      |  |  | REVISION: B2                  |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
| SERIES: 39543  |  |  | MATERIAL NUMBER: SEE CHART    |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
|  |  |  | CUSTOMER: GENERAL MARKET      |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |
|  |  |  | SHEET NUMBER: 2 OF 2          |   |    |      |          |   |   |          |   |             |          |             |             |         |             |   |          |   |   |   |