

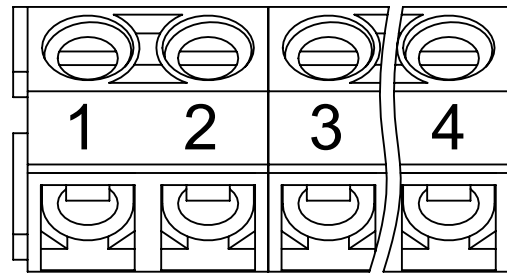
SPECIFICATIONS

1. MATERIAL:
 - (A). BODY: NYLON (PA66), UL94 V-0, COLOR: SEE SHEET-2
 - (B). SCREW: STEEL, M2.5, 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

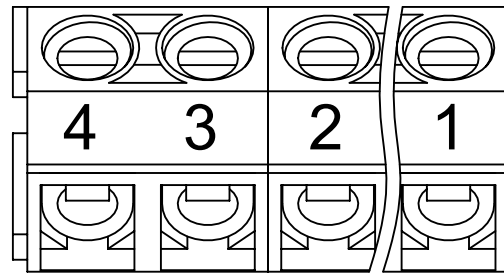
| TOLERANCES | | | |
|------------|-------|-----------|-------|
| MM | TOL | INCH | TOL |
| 0-6 | ±0.25 | 0-.24 | ±.010 |
| >6-30 | ±0.40 | .24-1.18 | ±.016 |
| >30-120 | ±0.50 | 1.18-4.76 | ±.020 |
| >120 | ±0.80 | >4.76 | ±.031 |

| | | | | | |
|--|--|---|--|---|--|
| 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 | | | |
| MM/INCH | | 4:1 | | EURO TERMINAL BLOCK | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | CURRENT REV DESC: MIGRATED TO ECTR/NX | | 5.00MM (.197) PITCH PC MOUNT, 45 DEGREE | |
| 4 PLACES ± --- ± --- | | EC NO: 637366 | | PRODUCT CUSTOMER DRAWING | |
| 3 PLACES ± --- ± SEE CHART | | DRWN: ABENJAMINLW 2020/03/12 | | DOCUMENT NUMBER | |
| 2 PLACES ± SEE CHART ± SEE CHART | | CHK'D: DACHAMMER 2020/05/18 | | SD-39543-001 | |
| 1 PLACE ± SEE CHART ± --- | | APPR: JFMURPHY 2020/05/29 | | DOC TYPE DOC PART REVISION | |
| 0 PLACES ± --- ± --- | | INITIAL REVISION: | | PSD 001 B2 | |
| ANGULAR TOL ± --- | | DRWN: LROTHAUS 2006/01/09 | | MATERIAL NUMBER | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR: JPAWLICK 2006/01/10 | | CUSTOMER | |
| THIRD ANGLE PROJECTION | | DRAWING | | SHEET NUMBER | |
| B-SIZE | | SERIES | | 1 OF 2 | |
| | | 39543 | | SEE SHEET-2 | |
| | | GENERAL MARKET | | | |

| CIRCUIT SIZE | MATERIAL NUMBERS MOLDED TO LENGTH | | | | | | MATERIAL NUMBERS (STACKABLE) | | | | | | DIMENSIONAL INFORMATION | | | |
|--------------|-----------------------------------|-----------|-----------|------------------|-----------|-----------|------------------------------|-----------|-----------|------------------|-----------|-----------|-------------------------|------|----------|-------|
| | BLACK | | | GREEN | | | BLACK | | | GREEN | | | DIM. "A" | | DIM. "B" | |
| | PRINTING OPTIONS | | | PRINTING OPTIONS | | | PRINTING OPTIONS | | | PRINTING OPTIONS | | | mm | inch | mm | inch |
| | None | 10A | 11A | None | 10A | 11A | None | 10A | 11A | None | 10A | 11A | | | | |
| 2 | 395430202 | 395431202 | 395432202 | 395930202 | 395931202 | 395932202 | 395430502 | 395431502 | 395432502 | 395930502 | 395931502 | 395932502 | 10.0 | 0.39 | 5.00 | .197 |
| 3 | 395430203 | 395431203 | 395432203 | 395930203 | 395931203 | 395932203 | 395430503 | 395431503 | 395432503 | 395930503 | 395931503 | 395932503 | 15.0 | 0.59 | 10.00 | .394 |
| 4 | 395430204 | 395431204 | 395432204 | 395930204 | 395931204 | 395932204 | | | | | | | 20.0 | 0.79 | 15.00 | .591 |
| 5 | 395430205 | 395431205 | 395432205 | 395930205 | 395931205 | 395932205 | | | | | | | 25.0 | 0.98 | 20.00 | .787 |
| 6 | 395430206 | 395431206 | 395432206 | 395930206 | 395931206 | 395932206 | | | | | | | 30.0 | 1.18 | 25.00 | .984 |
| 7 | 395430207 | 395431207 | 395432207 | 395930207 | 395931207 | 395932207 | | | | | | | 35.0 | 1.38 | 30.00 | 1.181 |
| 8 | 395430208 | 395431208 | 395432208 | 395930208 | 395931208 | 395932208 | | | | | | | 40.0 | 1.57 | 35.00 | 1.378 |
| 9 | 395430209 | 395431209 | 395432209 | 395930209 | 395931209 | 395932209 | | | | | | | 45.0 | 1.77 | 40.00 | 1.575 |
| 10 | 395430210 | 395431210 | 395432210 | 395930210 | 395931210 | 395932210 | | | | | | | 50.0 | 1.97 | 45.00 | 1.772 |
| 11 | 395430211 | 395431211 | 395432211 | 395930211 | 395931211 | 395932211 | | | | | | | 55.0 | 2.17 | 50.00 | 1.969 |
| 12 | 395430212 | 395431212 | 395432212 | 395930212 | 395931212 | 395932212 | | | | | | | 60.0 | 2.36 | 55.00 | 2.165 |
| 13 | 395430213 | 395431213 | 395432213 | 395930213 | 395931213 | 395932213 | | | | | | | 65.0 | 2.56 | 60.00 | 2.362 |
| 14 | 395430214 | 395431214 | 395432214 | 395930214 | 395931214 | 395932214 | | | | | | | 70.0 | 2.76 | 65.00 | 2.559 |
| 15 | 395430215 | 395431215 | 395432215 | 395930215 | 395931215 | 395932215 | | | | | | | 75.0 | 2.95 | 70.00 | 2.756 |
| 16 | 395430216 | 395431216 | 395432216 | 395930216 | 395931216 | 395932216 | | | | | | | 80.0 | 3.15 | 75.00 | 2.953 |
| 17 | 395430217 | 395431217 | 395432217 | 395930217 | 395931217 | 395932217 | | | | | | | 85.0 | 3.35 | 80.00 | 3.150 |
| 18 | 395430218 | 395431218 | 395432218 | 395930218 | 395931218 | 395932218 | | | | | | | 90.0 | 3.54 | 85.00 | 3.346 |
| 19 | 395430219 | 395431219 | 395432219 | 395930219 | 395931219 | 395932219 | | | | | | | 95.0 | 3.74 | 90.00 | 3.543 |
| 20 | 395430220 | 395431220 | 395432220 | 395930220 | 395931220 | 395932220 | | | | | | | 100.0 | 3.94 | 95.00 | 3.740 |
| 21 | 395430221 | 395431221 | 395432221 | 395930221 | 395931221 | 395932221 | | | | | | | 105.0 | 4.13 | 100.00 | 3.937 |
| 22 | 395430222 | 395431222 | 395432222 | 395930222 | 395931222 | 395932222 | | | | | | | 110.0 | 4.33 | 105.00 | 4.134 |
| 23 | 395430223 | 395431223 | 395432223 | 395930223 | 395931223 | 395932223 | | | | | | | 115.0 | 4.53 | 110.00 | 4.331 |
| 24 | 395430224 | 395431224 | 395432224 | 395930224 | 395931224 | 395932224 | | | | | | | 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 |

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|---|--------|---------|--|-------|--|--|--|---------------------------------------|--|--|--|---|--|--|--|---------------------------------------|----|------|----------|-------|---------|----------|--------|---------|----------|-------|---------|---------|-------|
| DIMENSION UNITS | | | | SCALE | | | | CURRENT REV DESC: MIGRATED TO ECTR/NX | | | | | | | | | | | | | | | | | | | | | |
| MM/INCH | | | | 3:1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | EC NO: 637366 DRWN: ABENJAMINLW CHK'D: DACHAMMER APPR: JFMURPHY 2020/03/12 2020/05/18 2020/05/29 | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th></th> <th>MM</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .01</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .015</td> <td>± .0006</td> </tr> <tr> <td>2 PLACES</td> <td>± .02</td> <td>± .0008</td> </tr> <tr> <td>1 PLACE</td> <td>± .03</td> <td>± .0012</td> </tr> <tr> <td>0 PLACES</td> <td>± .05</td> <td>± .0020</td> </tr> </tbody> </table> | | | | | | | | | | | | | | | | | MM | INCH | 4 PLACES | ± .01 | ± .0004 | 3 PLACES | ± .015 | ± .0006 | 2 PLACES | ± .02 | ± .0008 | 1 PLACE | ± .03 |
| | MM | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | ± .01 | ± .0004 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± .015 | ± .0006 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± .02 | ± .0008 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± .03 | ± .0012 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACES | ± .05 | ± .0020 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISIONAL SYMBOLS | | | | | | | | | | | | INITIAL REVISION: | | | | DOCUMENT NUMBER | | | | | | | | | | | | | |
| ANGULAR TOL | | | | | | | | | | | | DRWN: LROTHAUS | | | | SD-39543-001 | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | | THIRD ANGLE PROJECTION | | | | DOC TYPE DOC PART REVISION | | | | | | | | | | | | | |
| | | | | | | | | | | | | DRAWING | | | | PSD 001 B2 | | | | | | | | | | | | | |
| | | | | | | | | | | | | SERIES | | | | MATERIAL NUMBER CUSTOMER SHEET NUMBER | | | | | | | | | | | | | |
| | | | | | | | | | | | | B-SIZE 39543 | | | | SEE CHART GENERAL MARKET 2 OF 2 | | | | | | | | | | | | | |