

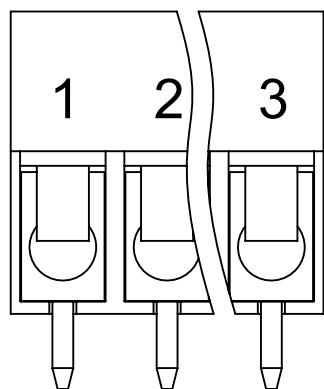
SPECIFICATIONS

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: 22-14 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

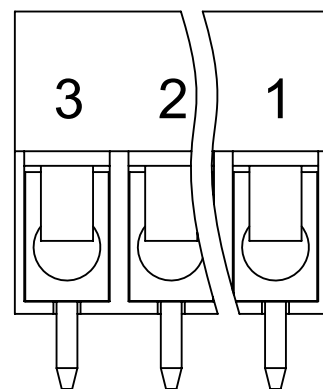
| TOLERANCES | | | |
|------------|-------|-----------|-------|
| MM | TOL | INCH | TOL |
| 0-6 | ±0.25 | 0-.24 | ±.010 |
| >6-30 | ±0.40 | .24-1.18 | ±.016 |
| >30-120 | ±0.50 | 1.18-4.76 | ±.020 |
| >120 | ±0.80 | >4.76 | ±.031 |

| | | | | | | | | | | | |
|---|--|---------------------------------------|--|--|--|--|--|----------------|--|-----------------|--|
| 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 | | EC NO: 637366 DRWN: ABENJAMINLW 2020/04/14 CHK'D: DACHAMMER 2020/05/18 APPR: JFMURPHY 2020/05/29 INITIAL REVISION: DRWN: LROTHAUS 2006/01/09 APPR: JPAWLICK 2006/01/10 | | | | | |
| FE = 0 | | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| FD = 0 | | MM | | INCH | | | | | | | |
| DIVISIONAL SYMBOLS | | 4 PLACES ± --- ± --- | | 3 PLACES ± --- ± SEE CHART | | | | | | | |
| | | 2 PLACES ± SEE CHART ± SEE CHART | | 1 PLACE ± SEE CHART ± --- | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | |
| | | ANGULAR TOL ± --- | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| | | | | | | B-SIZE | | 39543 | | MATERIAL NUMBER | |
| | | | | | | | | SEE SHEET-2 | | CUSTOMER | |
| | | | | | | | | GENERAL MARKET | | SHEET NUMBER | |
| | | | | | | | | | | 1 OF 2 | |
| | | | | | | molex EURO TERMINAL BLOCK 5.00MM (.197) PITCH PC MOUNT, LOW PROFILE PRODUCT CUSTOMER DRAWING SD-39543-004 PSD 001 B2 | | | | | |

| 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 | 395430602 | 395431602 | 395432602 | 395930602 | 395931602 | 395932602 | 10.0 | .39 | 5.00 | .197 |
| 3 | 395430603 | 395431603 | 395432603 | 395930603 | 395931603 | 395932603 | 15.0 | .59 | 10.00 | .394 |
| 4 | 395430604 | 395431604 | 395432604 | 395930604 | 395931604 | 395932604 | 20.0 | .79 | 15.00 | .591 |
| 5 | 395430605 | 395431605 | 395432605 | 395930605 | 395931605 | 395932605 | 25.0 | .98 | 20.00 | .787 |
| 6 | 395430606 | 395431606 | 395432606 | 395930606 | 395931606 | 395932606 | 30.0 | 1.18 | 25.00 | .984 |
| 7 | 395430607 | 395431607 | 395432607 | 395930607 | 395931607 | 395932607 | 35.0 | 1.38 | 30.00 | 1.181 |
| 8 | 395430608 | 395431608 | 395432608 | 395930608 | 395931608 | 395932608 | 40.0 | 1.57 | 35.00 | 1.378 |
| 9 | 395430609 | 395431609 | 395432609 | 395930609 | 395931609 | 395932609 | 45.0 | 1.77 | 40.00 | 1.575 |
| 10 | 395430610 | 395431610 | 395432610 | 395930610 | 395931610 | 395932610 | 50.0 | 1.97 | 45.00 | 1.772 |
| 11 | 395430611 | 395431611 | 395432611 | 395930611 | 395931611 | 395932611 | 55.0 | 2.17 | 50.00 | 1.969 |
| 12 | 395430612 | 395431612 | 395432612 | 395930612 | 395931612 | 395932612 | 60.0 | 2.36 | 55.00 | 2.165 |
| 13 | 395430613 | 395431613 | 395432613 | 395930613 | 395931613 | 395932613 | 65.0 | 2.56 | 60.00 | 2.362 |
| 14 | 395430614 | 395431614 | 395432614 | 395930614 | 395931614 | 395932614 | 70.0 | 2.76 | 65.00 | 2.559 |
| 15 | 395430615 | 395431615 | 395432615 | 395930615 | 395931615 | 395932615 | 75.0 | 2.95 | 70.00 | 2.756 |
| 16 | 395430616 | 395431616 | 395432616 | 395930616 | 395931616 | 395932616 | 80.0 | 3.15 | 75.00 | 2.953 |
| 17 | 395430617 | 395431617 | 395432617 | 395930617 | 395931617 | 395932617 | 85.0 | 3.35 | 80.00 | 3.150 |
| 18 | 395430618 | 395431618 | 395432618 | 395930618 | 395931618 | 395932618 | 90.0 | 3.54 | 85.00 | 3.346 |
| 19 | 395430619 | 395431619 | 395432619 | 395930619 | 395931619 | 395932619 | 95.0 | 3.74 | 90.00 | 3.543 |
| 20 | 395430620 | 395431620 | 395432620 | 395930620 | 395931620 | 395932620 | 100.0 | 3.94 | 95.00 | 3.740 |
| 21 | 395430621 | 395431621 | 395432621 | 395930621 | 395931621 | 395932621 | 105.0 | 4.13 | 100.00 | 3.937 |
| 22 | 395430622 | 395431622 | 395432622 | 395930622 | 395931622 | 395932622 | 110.0 | 4.33 | 105.00 | 4.134 |
| 23 | 395430623 | 395431623 | 395432623 | 395930623 | 395931623 | 395932623 | 115.0 | 4.53 | 110.00 | 4.331 |
| 24 | 395430624 | 395431624 | 395432624 | 395930624 | 395931624 | 395932624 | 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 | | | | | | | | | | 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 ECTR/NX & ADDED PCB LAYOUT | | | | | | | | | | | | | | | |
| MM/INCH | | 3:1 | | <p>EC NO: 637366 DRWN: ABENJAMINLW CHK'D: DACHAMMER APPR: JFMURPHY</p> <p>INITIAL REVISION: DRWN: LROTHAUS APPR: JPAWLICK</p> <p>2020/04/14 2020/05/18 2020/05/29</p> <p>2006/01/09 2006/01/10</p> | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | | | | | |
| 4 PLACES | | ± --- ± --- | | | | | | | | | | | | | | | | | |
| 3 PLACES | | ± --- ± --- | | | | | | | | | | | | | | | | | |
| 2 PLACES | | ± --- ± --- | | | | | | | | | | | | | | | | | |
| 1 PLACE | | ± --- ± --- | | | | | | | | | | | | | | | | | |
| 0 PLACES | | ± --- ± --- | | | | | | | | | | | | | | | | | |
| ANGULAR TOL | | ± --- | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | | | | | |
| | | | | B-SIZE | | 39543 | | SEE CHART | | GENERAL MARKET | | 2 OF 2 | | | | | | | |

molex

EURO TERMINAL BLOCK
5.00MM (.197) PITCH PC MOUNT, LOW PROFILE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-39543-004
DOC TYPE: PSD
DOC PART: 001
REVISION: B2