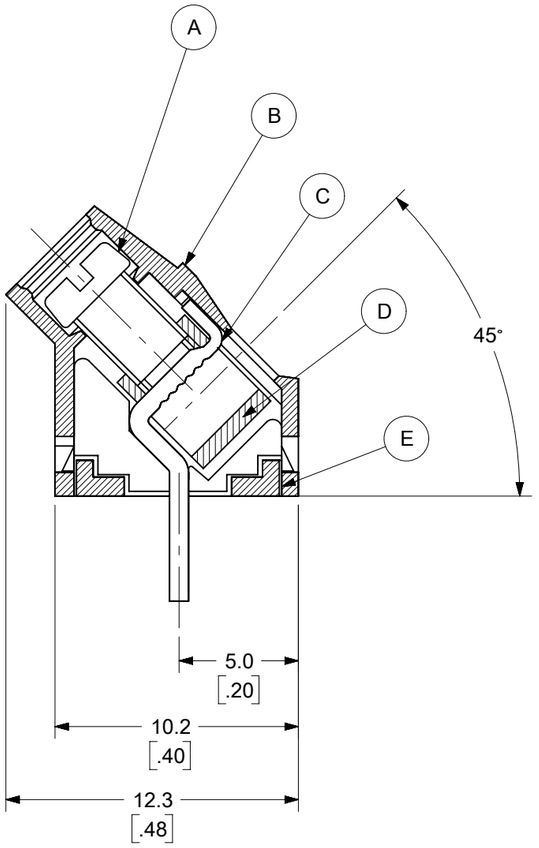
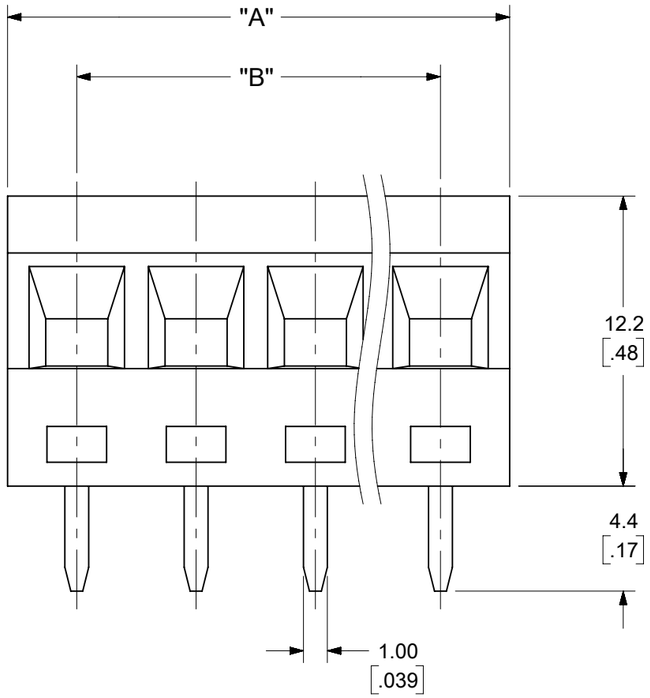
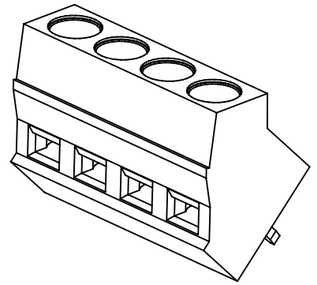
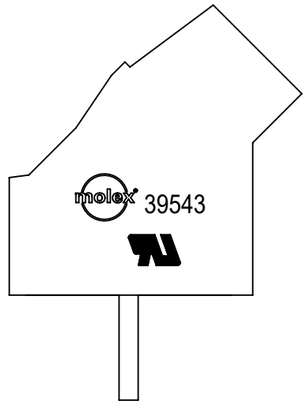


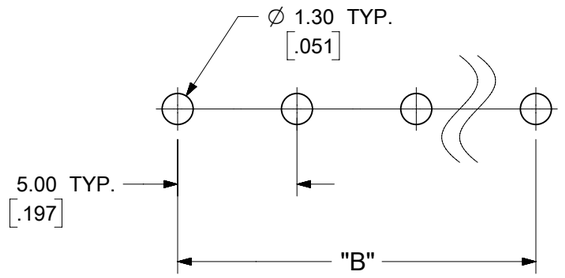






A3

SPECIFICATIONS:

1. MATERIAL:
   (A). SCREW: ZINC PLATED STEEL
   (B). BODY: PA66, UL94-V0, FOR COLOR SEE SHEET 2
   (C). TERMINAL: BRASS, TIN PLATED
   (D). CAGE: BRASS, NICKEL PLATED
   (E). COVER: PA66, UL94-V0, FOR COLOR SEE SHEET 2
2. WIRE RANGE: 14 to 22 AWG
3. ELECTRICAL RATING: 300V MAX., 15A MAX.
4. MAX TORQUE: 3 IN-LBS.
5. WIRE STRIP LENGTH: 5.00mm.
6. DIELECTRIC WITHSTAND: AC 2000V FOR 1 MINUTE.
7. BREAKDOWN VOLTAGE : 4000V.(1.2/50us), 5 TIMES.
8. INSULATION RESISTANCE: DC 500V, 1000M.
9. OPERATING TEMPERATURE: -40°C to +115°C.




PCB LAYOUT

| 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 |

| | | | | | |
|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/04 17:32:50 | | |

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01

FUNCTIONAL SYMBOLS: EA = 0; EC = 0; EP = 0
DIVISIONAL SYMBOLS

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

DIMENSION UNITS: MM/INCH
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 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

CURRENT REV DESC: MODIFIED SPECIFICATIONS

EC NO: 680084
DRWN: ABENJAMINLW 2021/10/01
CHK'D: DACHAMMER 2021/10/01
APPR: JFMURPHY 2021/10/04

INITIAL REVISION:
DRWN: LROTHAUS 2006/01/09
APPR: JPAWLICK 2006/01/10

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 39543

molex

5.0MM, EURO TERM. BLOCK
PC MOUNT, 45 DEGREES

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-39543-002 | PSD | 001 | A3 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE SHEET 2 | GENERAL MARKET | 1 OF 2 |

| DESCRIPTION | CIRCUIT SIZE | MATERIAL NUMBERS | | | | | | DIMENSIONAL INFORMATION | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BLACK | | | GREEN | | | | | | |
| | | 100% TIN | | | 100% TIN | | | | | | |
| | | PRINTING OPTIONS | | | PRINTING OPTIONS | | | DIM. "A" | | DIM. "B" | |
| | | None | 10A | 11A | None | 10A | 11A | mm | inch | mm | inch |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 2 | 395434302 | 395436302 | 395438302 | 395934302 | 395936302 | 395938302 | 10.80 | .425 | 5.00 | .197 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 3 | 395434303 | 395436303 | 395438303 | 395934303 | 395936303 | 395938303 | 15.80 | .622 | 10.00 | .394 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 4 | 395434304 | 395436304 | 395438304 | 395934304 | 395936304 | 395938304 | 20.80 | .819 | 15.00 | .591 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 5 | 395434305 | 395436305 | 395438305 | 395934305 | 395936305 | 395938305 | 25.80 | 1.016 | 20.00 | .787 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 6 | 395434306 | 395436306 | 395438306 | 395934306 | 395936306 | 395938306 | 30.80 | 1.213 | 25.00 | .984 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 7 | 395434307 | 395436307 | 395438307 | 395934307 | 395936307 | 395938307 | 35.80 | 1.409 | 30.00 | 1.181 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 8 | 395434308 | 395436308 | 395438308 | 395934308 | 395936308 | 395938308 | 40.80 | 1.606 | 35.00 | 1.378 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 9 | 395434309 | 395436309 | 395438309 | 395934309 | 395936309 | 395938309 | 45.80 | 1.803 | 40.00 | 1.575 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 10 | 395434310 | 395436310 | 395438310 | 395934310 | 395936310 | 395938310 | 50.80 | 2.000 | 45.00 | 1.772 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 11 | 395434311 | 395436311 | 395438311 | 395934311 | 395936311 | 395938311 | 55.80 | 2.197 | 50.00 | 1.969 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 12 | 395434312 | 395436312 | 395438312 | 395934312 | 395936312 | 395938312 | 60.80 | 2.394 | 55.00 | 2.165 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 13 | 395434313 | 395436313 | 395438313 | 395934313 | 395936313 | 395938313 | 65.80 | 2.591 | 60.00 | 2.362 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 14 | 395434314 | 395436314 | 395438314 | 395934314 | 395936314 | 395938314 | 70.80 | 2.787 | 65.00 | 2.559 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 15 | 395434315 | 395436315 | 395438315 | 395934315 | 395936315 | 395938315 | 75.80 | 2.984 | 70.00 | 2.756 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 16 | 395434316 | 395436316 | 395438316 | 395934316 | 395936316 | 395938316 | 80.80 | 3.181 | 75.00 | 2.953 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 17 | 395434317 | 395436317 | 395438317 | 395934317 | 395936317 | 395938317 | 85.80 | 3.378 | 80.00 | 3.150 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 18 | 395434318 | 395436318 | 395438318 | 395934318 | 395936318 | 395938318 | 90.80 | 3.575 | 85.00 | 3.346 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 19 | 395434319 | 395436319 | 395438319 | 395934319 | 395936319 | 395938319 | 95.80 | 3.772 | 90.00 | 3.543 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 20 | 395434320 | 395436320 | 395438320 | 395934320 | 395936320 | 395938320 | 100.80 | 3.968 | 95.00 | 3.740 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 21 | 395434321 | 395436321 | 395438321 | 395934321 | 395936321 | 395938321 | 105.80 | 4.165 | 100.00 | 3.937 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 22 | 395434322 | 395436322 | 395438322 | 395934322 | 395936322 | 395938322 | 110.80 | 4.362 | 105.00 | 4.134 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 23 | 395434323 | 395436323 | 395438323 | 395934323 | 395936323 | 395938323 | 115.80 | 4.559 | 110.00 | 4.331 |
| 5.0 MM, EURO BLOCK, PC MOUNT, 45 DEGREE | 24 | 395434324 | 395436324 | 395438324 | 395934324 | 395936324 | 395938324 | 120.80 | 4.756 | 115.00 | 4.528 |

| 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
(E/A) = 0
(E/C) = 0
(E/P) = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS: MM/INCH
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± SEE CHART |
| 2 PLACES | ± SEE CHART | ± SEE CHART |
| 1 PLACE | ± SEE CHART | ± --- |
| 0 PLACES | ± --- | ± --- |
| ANGULAR TOL | ± --- | |

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INITIAL REVISION:
DRWN: LROTHAUS 2006/01/09
APPR: JPAWLICK 2006/01/10

THIRD ANGLE PROJECTION
DRAWING: B-SIZE
SERIES: 39543

molex

5.0MM, EURO TERM. BLOCK
PC MOUNT, 45 DEGREES

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-39543-002 | PSD | 001 | A3 |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 2 OF 2 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/04 17:32:50 |
|---|---|---|---|

FORMAT: Eng-lega-master-tb-prod-B
REVISION: E1
DATE: 2021/05/01