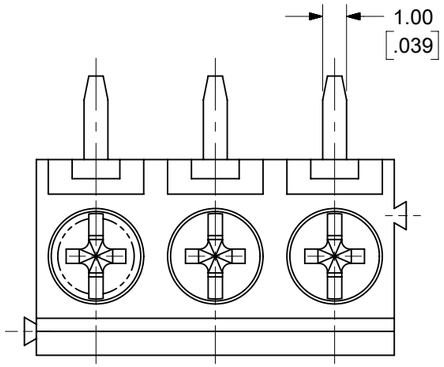
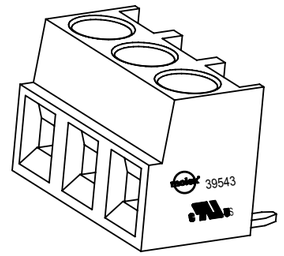
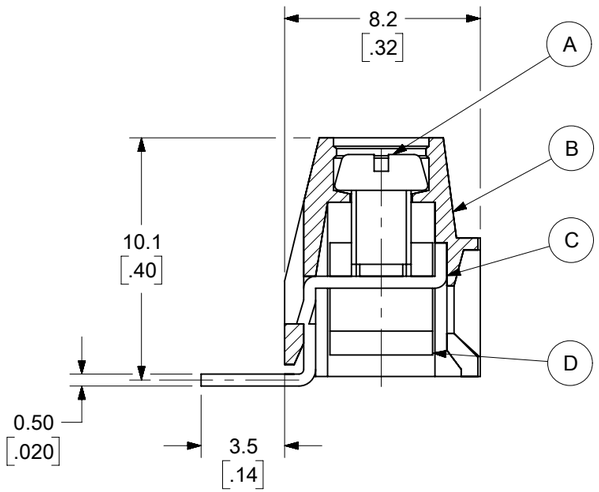
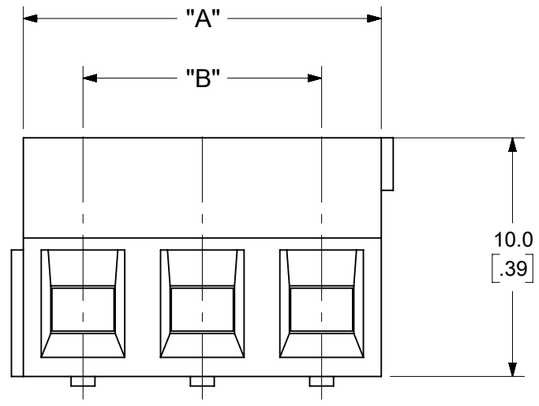
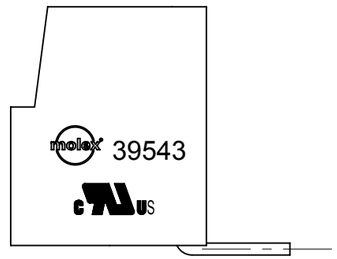


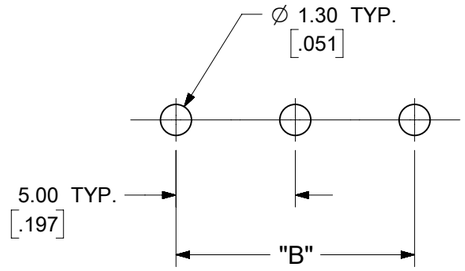




SPECIFICATIONS:

1. MATERIAL:
   (A). SCREW: C1010
   (B). BODY: PA66
   (C). TERMINAL: BRASS
   (D). CAGE: BRASS
2. WIRE RANGE: 24 - 16AWG
3. ELECTRICAL RATING: 300V, 10A.
4. MAX TORQUE: 3.5 IN-LBS.
5. WIRE STRIP LENGTH: 5.5mm.
6. DIELECTRIC WITHSTAND: AC 2500V FOR 1 MINUTE.
7. BREAKDOWN VOLTAGE : 4000V.(1.2/50us). 5 TIMES
8. INSULATION RESISTANCE: DC 500V, 1000M.
9. OPERATING TEMPERATURE: -40°C to +105°C.
10. A = N x P
11. B = (N - 1) x P
12. P (PITCH) = 5.00mm (.197").
13. N = NUMBER OF POSITIONS AVAILABLE 2 THROUGH 24.




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 |

| SYMBOLS | |
|---|---|
| F = 0 | |
| E = 0 | |
| P = 0 | |
| S = 0 | |
| ▼ = 0 | |
| V = 0 | |
| ☒ = 0 | |
| ■ = 0 | |
| ▽ = 0 | |

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 |

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: MIGRATION TO ECTR/NX

EC NO: 619931
DRWN: DSOPPIN 2019/06/24
CHK'D: DACHAMMER 2019/07/01
APPR: JFMURPHY 2019/07/08

INITIAL REVISION:
DRWN: LROTHAUS 2005/006/12
APPR: C.YORK 2006/06/01

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

molex

5.0MM, EURO TERM BLOCK
RIGHT ANGLE, PC MOUNT STACKABLE, STAMPED TERM

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-39543-006 | PSD | 001 | A2 |

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/07/08 15:51:15 |
|---|---|---|---|

FORMAT: Eng-lega-part-prod-B
REVISION: D
DATE: 2018/01/18

| DESCRIPTION | CIRCUIT SIZE | MATERIAL NUMBERS MOLDED TO LENGTH | | | | | | MATERIAL NUMBERS STACKABLE | | | | | | DIMENSIONAL INFORMATION | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BLACK | | | GREEN | | | BLACK | | | GREEN | | | | | | |
| | | 100% TIN | | | 100% TIN | | | 100% TIN | | | 100% TIN | | | | | | |
| | | PRINTING OPTIONS | | | PRINTING OPTIONS | | | PRINTING OPTIONS | | | PRINTING OPTIONS | | | DIM. "A" | | DIM. "B" | |
| | | None | 10AV | 11AV | None | 10AV | 11AV | None | 10AV | 11AV | None | 10AV | 11AV | mm | inch | mm | inch |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 2 | 395433102 | 395435102 | 395437102 | 395933102 | 395935102 | 395937102 | 395434502 | 395436502 | 395438502 | 395934502 | 395936502 | 395938502 | 10.00 | .394 | 5.00 | .197 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 3 | 395433103 | 395435103 | 395437103 | 395933103 | 395935103 | 395937103 | 395434503 | 395436503 | 395438503 | 395934503 | 395936503 | 395938503 | 15.00 | .591 | 10.00 | .394 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 4 | 395433104 | 395435104 | 395437104 | 395933104 | 395935104 | 395937104 | N/A | N/A | N/A | N/A | N/A | N/A | 20.00 | .787 | 15.00 | .591 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 5 | 395433105 | 395435105 | 395437105 | 395933105 | 395935105 | 395937105 | N/A | N/A | N/A | N/A | N/A | N/A | 25.00 | .984 | 20.00 | .787 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 6 | 395433106 | 395435106 | 395437106 | 395933106 | 395935106 | 395937106 | N/A | N/A | N/A | N/A | N/A | N/A | 30.00 | 1.181 | 25.00 | .984 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 7 | 395433107 | 395435107 | 395437107 | 395933107 | 395935107 | 395937107 | N/A | N/A | N/A | N/A | N/A | N/A | 35.00 | 1.378 | 30.00 | 1.181 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 8 | 395433108 | 395435108 | 395437108 | 395933108 | 395935108 | 395937108 | N/A | N/A | N/A | N/A | N/A | N/A | 40.00 | 1.575 | 35.00 | 1.378 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 9 | 395433109 | 395435109 | 395437109 | 395933109 | 395935109 | 395937109 | N/A | N/A | N/A | N/A | N/A | N/A | 45.00 | 1.772 | 40.00 | 1.575 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 10 | 395433110 | 395435110 | 395437110 | 395933110 | 395935110 | 395937110 | N/A | N/A | N/A | N/A | N/A | N/A | 50.00 | 1.969 | 45.00 | 1.772 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 11 | 395433111 | 395435111 | 395437111 | 395933111 | 395935111 | 395937111 | N/A | N/A | N/A | N/A | N/A | N/A | 55.00 | 2.165 | 50.00 | 1.969 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 12 | 395433112 | 395435112 | 395437112 | 395933112 | 395935112 | 395937112 | N/A | N/A | N/A | N/A | N/A | N/A | 60.00 | 2.362 | 55.00 | 2.165 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 13 | 395433113 | 395435113 | 395437113 | 395933113 | 395935113 | 395937113 | N/A | N/A | N/A | N/A | N/A | N/A | 65.00 | 2.559 | 60.00 | 2.362 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 14 | 395433114 | 395435114 | 395437114 | 395933114 | 395935114 | 395937114 | N/A | N/A | N/A | N/A | N/A | N/A | 70.00 | 2.756 | 65.00 | 2.559 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 15 | 395433115 | 395435115 | 395437115 | 395933115 | 395935115 | 395937115 | N/A | N/A | N/A | N/A | N/A | N/A | 75.00 | 2.953 | 70.00 | 2.756 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 16 | 395433116 | 395435116 | 395437116 | 395933116 | 395935116 | 395937116 | N/A | N/A | N/A | N/A | N/A | N/A | 80.00 | 3.150 | 75.00 | 2.953 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 17 | 395433117 | 395435117 | 395437117 | 395933117 | 395935117 | 395937117 | N/A | N/A | N/A | N/A | N/A | N/A | 85.00 | 3.346 | 80.00 | 3.150 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 18 | 395433118 | 395435118 | 395437118 | 395933118 | 395935118 | 395937118 | N/A | N/A | N/A | N/A | N/A | N/A | 90.00 | 3.543 | 85.00 | 3.346 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 19 | 395433119 | 395435119 | 395437119 | 395933119 | 395935119 | 395937119 | N/A | N/A | N/A | N/A | N/A | N/A | 95.00 | 3.740 | 90.00 | 3.543 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 20 | 395433120 | 395435120 | 395437120 | 395933120 | 395935120 | 395937120 | N/A | N/A | N/A | N/A | N/A | N/A | 100.00 | 3.937 | 95.00 | 3.740 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 21 | 395433121 | 395435121 | 395437121 | 395933121 | 395935121 | 395937121 | N/A | N/A | N/A | N/A | N/A | N/A | 105.00 | 4.134 | 100.00 | 3.937 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 22 | 395433122 | 395435122 | 395437122 | 395933122 | 395935122 | 395937122 | N/A | N/A | N/A | N/A | N/A | N/A | 110.00 | 4.331 | 105.00 | 4.134 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 23 | 395433123 | 395435123 | 395437123 | 395933123 | 395935123 | 395937123 | N/A | N/A | N/A | N/A | N/A | N/A | 115.00 | 4.528 | 110.00 | 4.331 |
| 5.0 MM, EURO BLOCK, PC MOUNT, RIGHT ANGLE | 24 | 395433124 | 395435124 | 395437124 | 395933124 | 395935124 | 395937124 | N/A | N/A | N/A | N/A | N/A | N/A | 120.00 | 4.724 | 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 |

SYMBOLS: = 0

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: 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 | ± ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATION TO ECTR/NX

EC NO: 619931

DRWN: DSOPPIN 2019/06/24

CHK'D: DACHAMMER 2019/07/01

APPR: JFMURPHY 2019/07/08

INITIAL REVISION:

DRWN: LROTHAUS 2005/06/12

APPR: C.YORK 2006/06/01

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

molex

5.0MM, EURO TERM BLOCK
RIGHT ANGLE, PC MOUNT STACKABLE, STAMPED TERM

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-39543-006 | PSD | 001 | A2 |

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/07/08 15:51:15 |
|---|---|---|---|

FORMAT: Eng-lega-generic-prod-B
REVISION: D
DATE: 2018/01/18