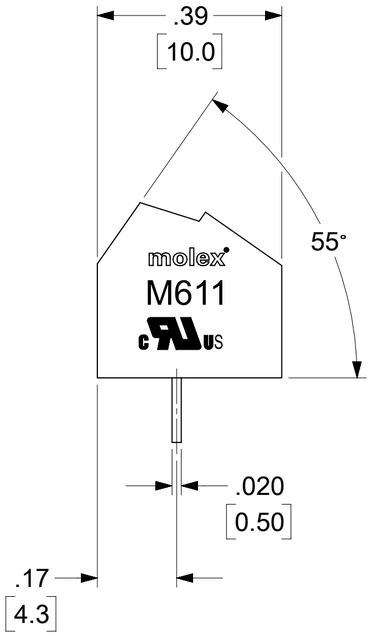
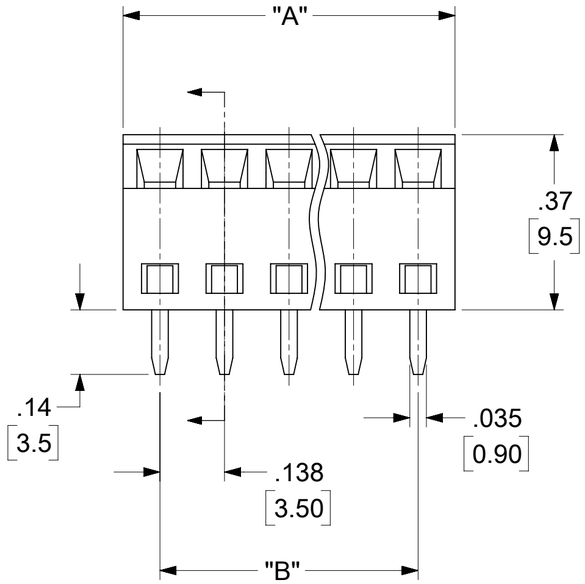
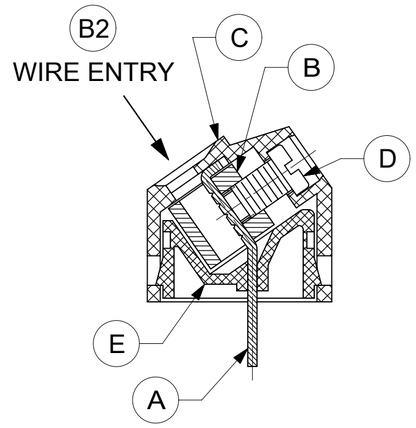



| PART NUMBER DATA | | | | | | | |
|---|---|---|---|---|---|---|---|
| NO. OF CIRCUITS | PART NUMBER | ENGINEERING NUMBER | COLOR | DIM. "A" | | DIM. "B" | |
| | | | | IN | mm | IN | mm |
| 2 | 397470002 | M611-01-02-3 | GREEN | .30 | 7.5 | .138 | 3.50 |
| 3 | 397470003 | M611-01-03-3 | GREEN | .43 | 11.0 | .276 | 7.00 |
| 4 | 397470004 | M611-01-04-3 | GREEN | .57 | 14.5 | .413 | 10.50 |
| 5 | 397470005 | M611-01-05-3 | GREEN | .71 | 18.0 | .551 | 14.00 |
| 6 | 397470006 | M611-01-06-3 | GREEN | .85 | 21.5 | .689 | 17.50 |
| 7 | 397470007 | M611-01-07-3 | GREEN | .98 | 25.0 | .827 | 21.00 |
| 8 | 397470008 | M611-01-08-3 | GREEN | 1.12 | 28.5 | .965 | 24.50 |
| 9 | 397470009 | M611-01-09-3 | GREEN | 1.26 | 32.0 | 1.102 | 28.00 |
| 10 | 397470010 | M611-01-10-3 | GREEN | 1.40 | 35.5 | 1.240 | 31.50 |
| 11 | 397470011 | M611-01-11-3 | GREEN | 1.54 | 39.0 | 1.378 | 35.00 |
| 12 | 397470012 | M611-01-12-3 | GREEN | 1.67 | 42.5 | 1.516 | 38.50 |
| 13 | 397470013 | M611-01-13-3 | GREEN | 1.81 | 46.0 | 1.654 | 42.00 |
| 14 | 397470014 | M611-01-14-3 | GREEN | 1.95 | 49.5 | 1.791 | 45.50 |
| 15 | 397470015 | M611-01-15-3 | GREEN | 2.09 | 53.0 | 1.929 | 49.00 |
| 16 | 397470016 | M611-01-16-3 | GREEN | 2.22 | 56.5 | 2.067 | 52.50 |

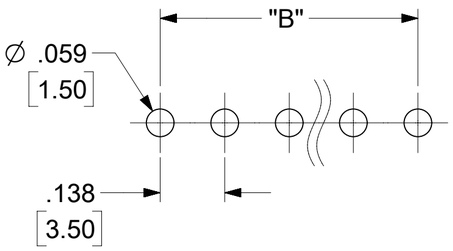
REF. LAST 2 DIGITS OF PART NUMBER EQUAL CIRCUIT COUNT

## ENGINEERING NUMBER LEGEND

M611 - 01 - XX - 3

SERIES — STYLE — POLES — COLOR

CONTACT FACTORY FOR OPTIONAL COLORS




PCB LAYOUT

SPECIFICATIONS:

1. MATERIAL:
   - A. TERMINAL: BRASS TIN PLATED
   - B. CAGE: BRASS NICKEL PLATED
   - C. BODY: PA66 UL94 V-0
   - D. SCREW: M2 STEEL ZINC PLATED
   - E. COVER: PA66 UL94 V-0
2. RATING: 300V, 10A
3. MAX TORQUE: 2.0 LB-IN.
4. WIRE RANGE: 30-16 AWG
5. WIRE STRIP: .20 IN (5.0mm)
6. DIELECTRIC VOLTAGE WITHSTAND: AC 2000V FOR 1 MINUTE
7. INSULATION RESISTANCE: DC 500V, 500MΩ
8. RATED IMPULSE VOLTAGE: 4000V PLUS AND MINUS 5 TIMES EACH
9. OPERATING TEMPERATURE: -40°C TO +105°C
10. MAX. SOLDERING TEMP: 260°C (500°F) FOR 5 SECONDS
11. DIMS SHOWN ARE FOR REFERENCE ONLY

| 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: FA = 0; FC = 0; FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM — 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

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

CURRENT REV DESC: CORRECTED "WIRE ENTRY" LOCATION

EC NO: 706702

| | | |
|---|---|---|
| DRWN: | ABENJAMINLW | 2022/04/08 |
| CHK'D: | DACHAMMER | 2022/05/12 |
| APPR: | JFMURPHY | 2022/05/13 |

INITIAL REVISION:
DRWN:
APPR:

molex

EURO TERMINAL BLOCK
55 DEGREE 3.50MM

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-39747-001 | PSD | 001 | B2 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 39747 | SEE CHART | GENERAL MARKET | 1 OF 1 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/05/13 15:39:57 |
|---|---|---|---|

FORMAT: Eng-lega-master-lib-prod-C
REVISION: E1
DATE: 2021/05/01