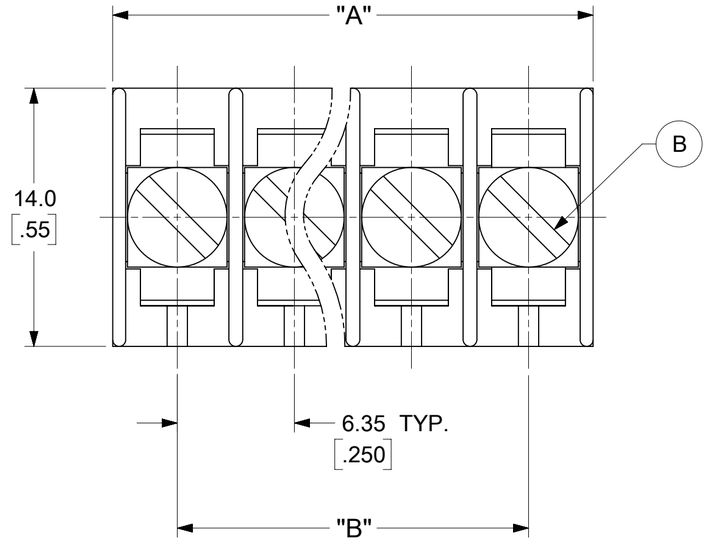
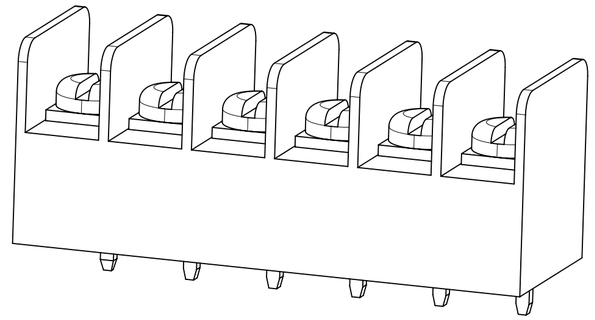
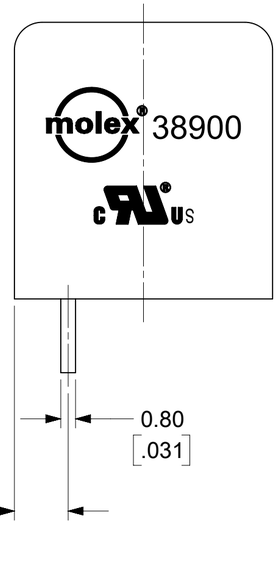
| PART NUMBER DATA | | | | | |
|---|---|---|---|---|---|
| CIRCUITS | PART NUMBER | DIM. "A" | | DIM. "B" | |
| | | MM | IN | MM | IN |
| 2 | 389001002 | 13.4 | .53 | 6.35 | .250 |
| 3 | 389001003 | 19.7 | .78 | 12.70 | .500 |
| 4 | 389001004 | 26.1 | 1.03 | 19.05 | .750 |
| 5 | 389001005 | 32.4 | 1.28 | 25.40 | 1.000 |
| 6 | 389001006 | 38.8 | 1.53 | 31.75 | 1.250 |
| 7 | 389001007 | 45.1 | 1.78 | 38.10 | 1.500 |
| 8 | 389001008 | 51.5 | 2.03 | 44.45 | 1.750 |
| 9 | 389001009 | 57.8 | 2.28 | 50.80 | 2.000 |
| 10 | 389001010 | 64.2 | 2.53 | 57.15 | 2.250 |
| 11 | 389001011 | 70.5 | 2.78 | 63.50 | 2.500 |
| 12 | 389001012 | 76.9 | 3.03 | 69.85 | 2.750 |
| 13 | 389001013 | 83.2 | 3.28 | 76.20 | 3.000 |
| 14 | 389001014 | 89.6 | 3.53 | 82.55 | 3.250 |
| 15 | 389001015 | 95.9 | 3.78 | 88.90 | 3.500 |
| 16 | 389001016 | 102.3 | 4.03 | 95.25 | 3.750 |

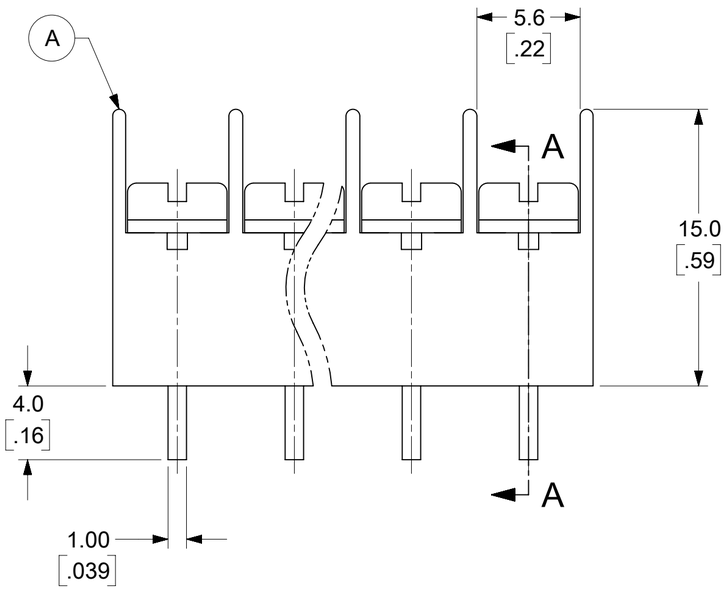


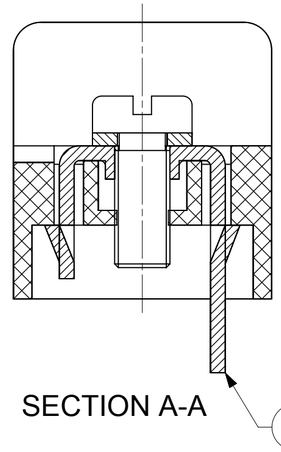



ISO. VIEW
(SCALE 3:1)

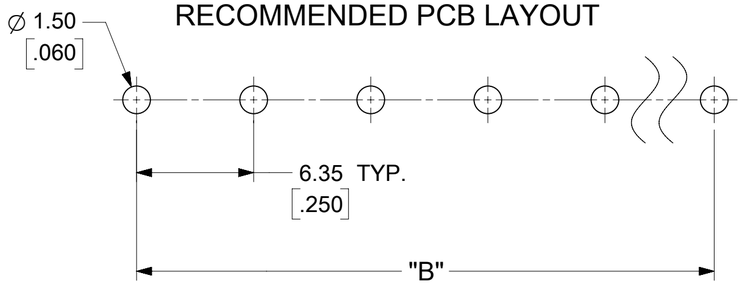
B




RECOMMENDED PCB LAYOUT




B

SPECIFICATIONS

1. MATERIAL:
   - A. BODY: PA66, UL94 V-0, COLOR: BLACK
   - B. M3 SLOTTED CLAMPING SCREW: NICKEL PLATED STEEL
   - C. PC TERMINAL: TIN PLATED BRASS
2. WIRE SIZE PER UL: 18 TO 22 AWG (SOLID OR STRANDED)
3. RECOMMENDED WIRE STRIP LENGTH: 0.7 IN. (7mm)
4. MAXIMUM ELECTRICAL RATING PER UL: 300V, 10A
5. SCREW TORQUE PER UL: 4.5 LBF. IN. (0.51Nm)
6. DIELECTRIC WITHSTAND: 2500VAC FOR 1 MINUTE
7. INSULATION RESISTANCE: 500VDC, 500MΩ
8. OPERATING TEMPERATURE: -40°C TO +115°C

B

| 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 | 2026/02/12 | 00:45:38 |
|---|---|---|---|---|

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 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 | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| 0 PLACES | ± --- | ± --- |
| ANGULAR TOL | ± --- | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MODIFIED SPECIFICATIONS. ADDED TOL CHART & ISO VIEW

EC NO: 847528
DRWN: ABENJAMINLW 2026/02/04
CHK'D: ROLANM 2026/02/10
APPR: HKNEELAND 2026/02/12

INITIAL REVISION:
DRWN: RSTONE 2016/05/17
APPR: BRUPERT 2016/07/15

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 38900

molex

SINGLE ROW BARRIER STRIPS
6.35MM (0.250) PITCH PC TERMINAL TYPE

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-38900-004 | PSD | 001 | B |

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