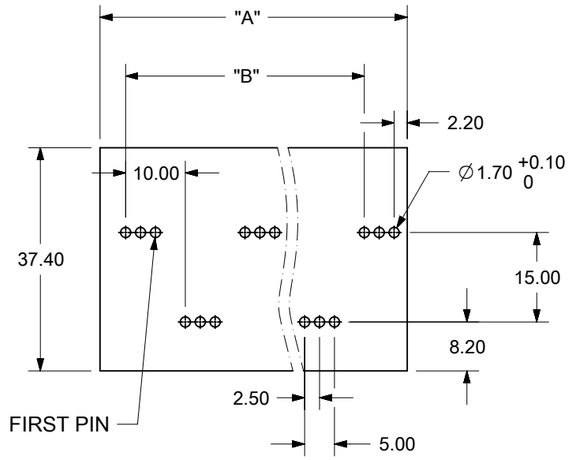
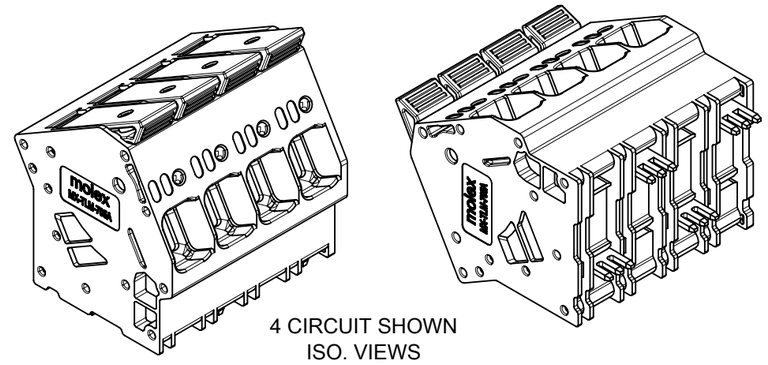
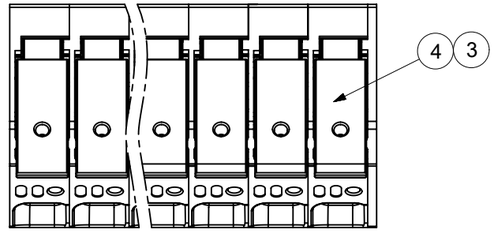
| NO. OF CIRCUITS | PART NO. | ENGINEERING NO. | DIM "A" MM | DIM "B" MM |
|---|---|---|---|---|
| 2 | 2249310002 | MX-TLM-705AA-02 | 21.50 | 10.00 |
| 3 | 2249310003 | MX-TLM-705AA-03 | 31.50 | 20.00 |
| 4 | 2249310004 | MX-TLM-705AA-04 | 41.50 | 30.00 |
| 5 | 2249310005 | MX-TLM-705AA-05 | 51.50 | 40.00 |
| 6 | 2249310006 | MX-TLM-705AA-06 | 61.50 | 50.00 |
| 7 | 2249310007 | MX-TLM-705AA-07 | 71.50 | 60.00 |
| 8 | 2249310008 | MX-TLM-705AA-08 | 81.50 | 70.00 |
| 9 | 2249310009 | MX-TLM-705AA-09 | 91.50 | 80.00 |
| 10 | 2249310010 | MX-TLM-705AA-10 | 101.50 | 90.00 |
| 11 | 2249310011 | MX-TLM-705AA-11 | 111.50 | 100.00 |
| 12 | 2249310012 | MX-TLM-705AA-12 | 121.50 | 110.00 |




PC BOARD LAYOUT

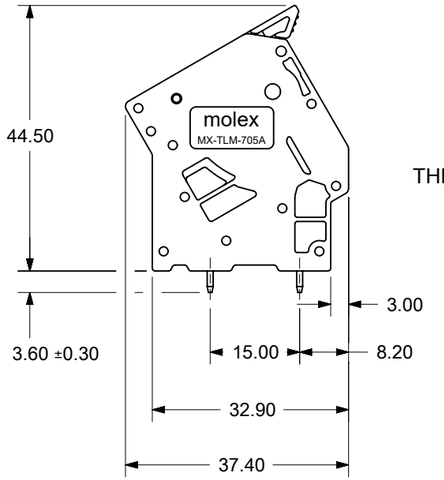


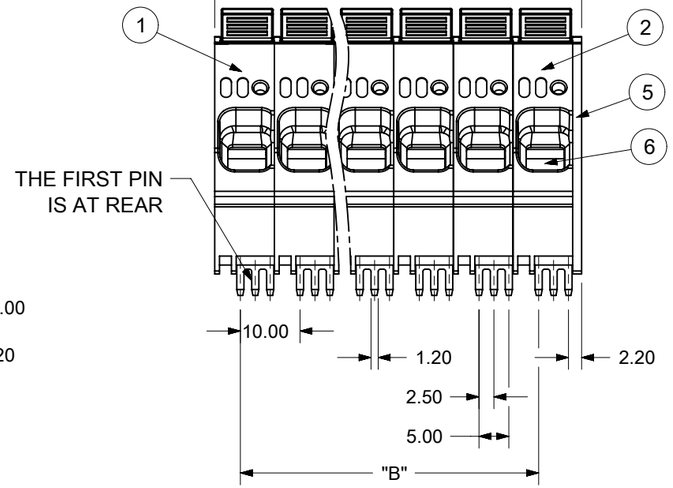

4 CIRCUIT SHOWN
ISO. VIEWS

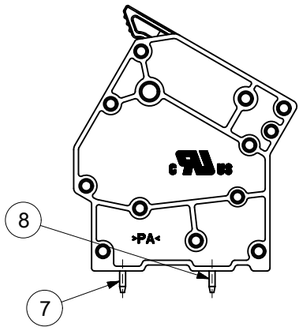



| MATERIALS | |
|---|---|
| 1. FIRST HOUSING | PA66 UL94 V-0 (GREEN) |
| 2. LAST HOUSING | PA66 UL94 V-0 (GREEN) |
| 3. ROTATING BRACKET | PA66 UL94 V-0 (BLACK) |
| 4. LEVER | PA66 UL94 V-0 (ORANGE) |
| 5. COVER | PA66 UL94 V-0 (GREEN) |
| 6. SPRING | STAINLESS STEEL |
| 7. FRONT TERMINAL | TIN PLATED COPPER ALLOY |
| 8. REAR TERMINAL | TIN PLATED COPPER ALLOY |
| ELECTRICAL, MECHANICAL AND THERMAL RATINGS | |
| MAXIMUM VOLTAGE | 600V (PER UL GROUP B, C & D) |
| | 1000V (PER UL GROUP E & F*) |
| MAXIMUM CURRENT | 66A (PER UL GROUP B, C, E & F) |
| | 15A (PER UL GROUP D FOR 51 TO 150V) |
| | 10A (PER UL GROUP D FOR 151 TO 300V) |
| | 5A (PER UL GROUP D FOR 301 TO 600V) |
| WIRE RANGE | 4 TO 18 AWG (SOLID OR STRANDED) |
| INSULATION RESISTANCE | 500MΩ OR MORE AT 500VDC |
| WITHSTAND VOLTAGE | 2200V PER 1 MINUTE |
| WIRE STRIP LENGTH | 18mm TO 20mm |
| OPERATING TEMPERATURE | -40°C TO +115°C |

*1000V MAX. IS ACCEPTABLE AS TERMINAL BLOCK SPACING REQUIREMENTS WERE DETERMINED BASED ON USE IN CIRCUIT (OR CIRCUITS) WHERE AN ALTERNATIVE SPACING INVESTIGATION WAS CONDUCTED IN ACCORDANCE WITH UL 509 (INDUSTRIAL CONTROL EQUIPMENT) AND UL 508C (POWER CONVERSION EQUIPMENT).




| TOTAL PITCH TOLERANCE IN MM | | | | | | | | | NOMINAL DIMENSION RANGE IN MM | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 to 30 | 31 to 53 | 54 to 70 | 71 to 90 | 91 to 115 | 116 to 150 | 151 to 200 | 201 to 250 | 251 to 320 | 0 to 30 | 31 to 53 | 54 to 70 | 71 to 90 | 91 to 115 | 116 to 150 | 151 to 200 | 201 to 250 | 251 to 320 |
| ±0.20 | ±0.25 | ±0.30 | ±0.35 | ±0.44 | ±0.55 | ±0.70 | ±0.85 | ±1.00 | ±0.25 | ±0.30 | ±0.35 | ±0.44 | ±0.55 | ±0.70 | ±0.80 | ±0.90 | ±1.20 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/04/24 21:49:32 |
|---|---|---|---|

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

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm — SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | | |
|---|---|---|
| ANGULAR TOL | ± | --- |
| 4 PLACES | ± | --- |
| 3 PLACES | ± | --- |
| 2 PLACES | ± | --- |
| 1 PLACE | ± | --- |
| 0 PLACES | ± | --- |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NEW RELEASE

EC NO: 762493
DRWN: ABENJAMINLW 2023/09/06
CHK'D: DNGUYEN62 2024/04/24
APPR: WLEUNG 2024/04/24

INITIAL REVISION:
DRWN: ABENJAMINLW 2023/09/06
APPR: WLEUNG 2024/04/24

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 224931

molex

10.00MM 35 DEGREE CLAMP
TERMINAL BLOCK, LEFT REAR TERMINAL

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| 2249310002 | PSD | 000 | A |

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

FORMAT: master-tb-v
REVISION: J1
DATE: 2021/05/01