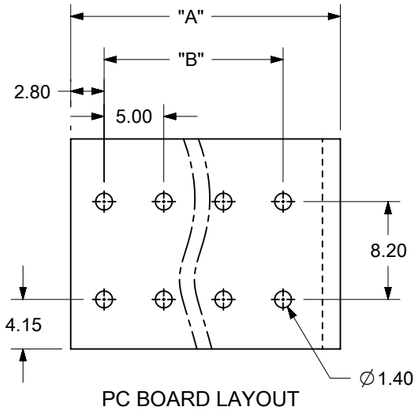
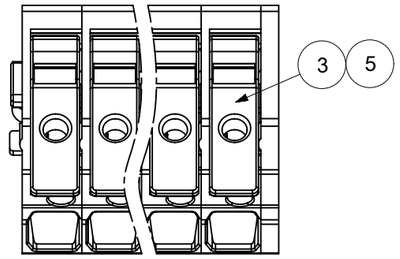
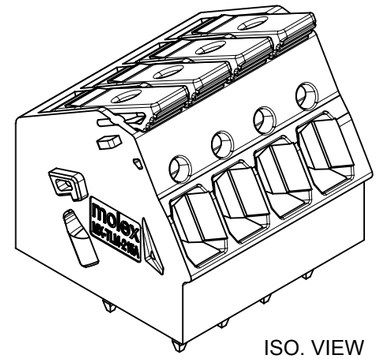
NO. OF CIRCUITS	PART NO.	ENGINEERING NO.	DIM "A"	DIM "B"
			MM	MM
1	2249290001	MX-TLM-215A-01	7.55	N/A
2	2249290002	MX-TLM-215A-02	12.55	5.00
3	2249290003	MX-TLM-215A-03	17.55	10.00
4	2249290004	MX-TLM-215A-04	22.55	15.00
5	2249290005	MX-TLM-215A-05	27.55	20.00
6	2249290006	MX-TLM-215A-06	32.55	25.00
7	2249290007	MX-TLM-215A-07	37.55	30.00
8	2249290008	MX-TLM-215A-08	42.55	35.00
9	2249290009	MX-TLM-215A-09	47.55	40.00
10	2249290010	MX-TLM-215A-10	52.55	45.00
11	2249290011	MX-TLM-215A-11	57.55	50.00
12	2249290012	MX-TLM-215A-12	62.55	55.00

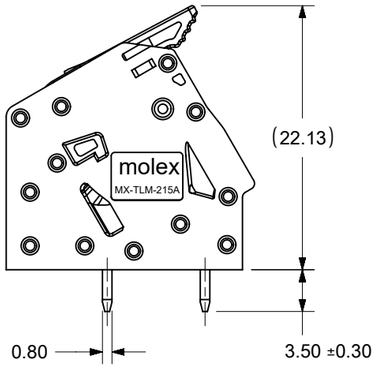


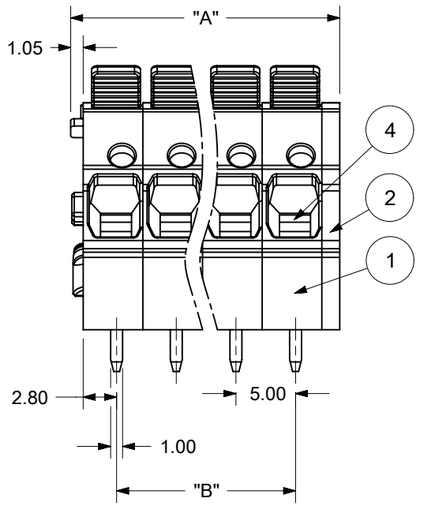
PC BOARD LAYOUT

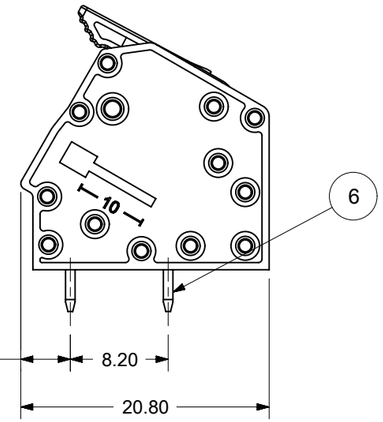


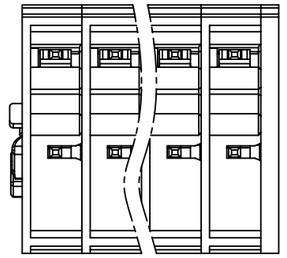


ISO. VIEW









MATERIALS	
1. HOUSING	PA66 UL94 V-0 (GREEN)
2. COVER	PA66 UL94 V-0 (GREEN)
3. LEVER	PA66 UL94 V-0 (ORANGE)
4. SPRING	STAINLESS STEEL
5. ROTATING BRACKET	PA66 UL94 V-0 (BLACK)
6. TERMINAL	TIN PLATED COPPER ALLOY
ELECTRICAL, MECHANICAL AND THERMAL RATINGS	
MAXIMUM VOLTAGE	300V (PER UL GROUP B, D & G)
	320V (PER UL GROUP F*)
MAXIMUM CURRENT	20A (PER UL GROUP B & F)
	15A (PER UL GROUP D & G FOR 51 TO 150V)
	10A (PER UL GROUP D & G FOR 151 TO 300V)
WIRE RANGE	12 TO 24 AWG (SOLID OR STRANDED)
INSULATION RESISTANCE	500MΩ OR MORE AT 500VDC
WITHSTAND VOLTAGE	1600V PER 1 MINUTE
WIRE STRIP LENGTH	10mm TO 12mm
OPERATING TEMPERATURE	-40°C TO +115°C

*1000V MAX. IS ACCEPTABLE AS TERMINAL BLOCK SPACING REQUIREMENTS WERE DETERMINED BASED ON USE IN CIRCUITS WHERE AN ALTERNATIVE SPACING INVESTIGATION WAS CONDUCTED IN ACCORDANCE WITH UL 508 (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	2023/10/11 19:52:58

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REVISION: J1
DATE: 2021/05/01

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: 2:1

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: 759401
DRWN: ABENJAMINLW 2023/04/18
CHK'D: DNGUYEN62 2023/10/10
APPR: WLEUNG 2023/10/11

INITIAL REVISION:
DRWN: ABENJAMINLW 2023/04/18
APPR: WLEUNG 2023/10/11

THIRD ANGLE PROJECTION | DRAWING: B-SIZE | SERIES: 224929 | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

molex

5.00MM 30 DEGREE SPRING CLAMP TERMINAL BLOCK

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2249290002	PSD	000	A