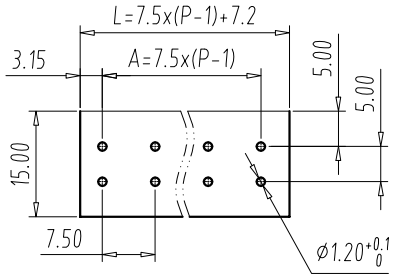
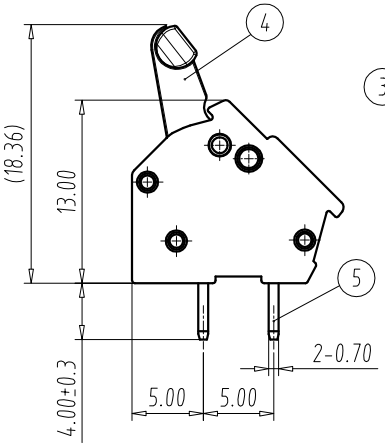
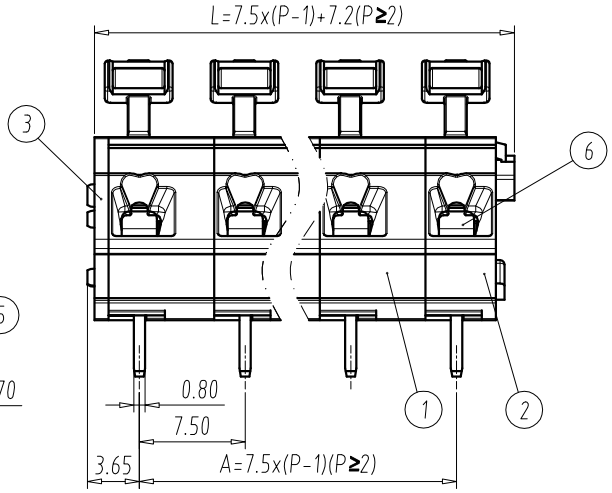
FILE: TLM-203B-7.5-XXP-X

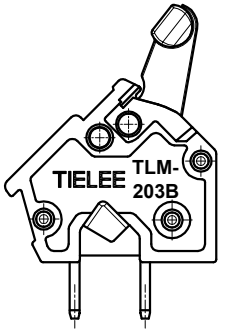
REV	E.C.N NO.	CONTENT	CHK	DATE
V2.0	S2304002	Add 01P pole	ZZW	2023.04.06

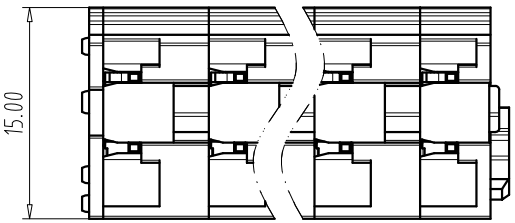


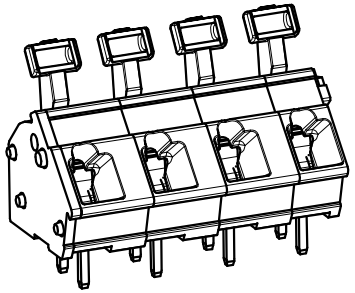
PCB LAYOUT
S=1:1











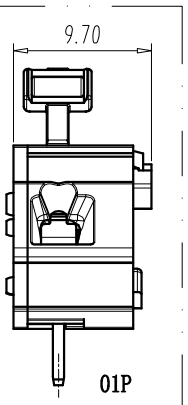
NOTES:

1. UL:
   Rating:300V,15A;
   Insulation Withstands Voltage:AC1600V/MIN;
   Suitable Electric Wire:28AWG~12AWG
   Using Temperature Range:-40℃~+105℃;
2. IEC:
   Rating:630V,24A;
   Rate Impulse Voltage:6000V;
   Insulation Resistance:500MΩ or more at DC500V;
   Contact Resistance: ≤5mΩ
   Material Group: Ⅰ;Pollution Degree:2;
   Overvoltage Category:Ⅲ;
   Suitable Electric Wire:0.34mm²~2.5mm²
3. Using Temperature Range:-40℃~+115℃;
4. Strip length:5~6mm
5. RoHS compliance;

DIM \ P	1	2	3	4	5	6	7	8	9	10	11	12
L	9.7	14.7	22.2	29.7	37.2	44.7	52.2	59.7	67.2	74.7	82.2	89.7
A	/	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5

DIM \ P	13	14	15	16	17	18	19	20	21	22	23	24
L	97.2	104.7	112.2	119.7	127.2	134.7	142.2	149.7	157.2	164.7	172.2	179.7
A	90	97.5	105	112.5	120	127.5	135	142.5	150	157.5	165	172.5

Total Pitch Tolerances in mm									Nominal dimension range in mm								
over 0 to 30	over 30 to 53	over 53 to 70	over 70 to 90	over 90 to 115	over 115 to 150	over 150 to 200	over 200 to 250	over 250 to 320	over 0 to 30	over 30 to 53	over 53 to 70	over 70 to 90	over 90 to 115	over 115 to 150	over 150 to 200	over 200 to 250	over 250 to 320
±0.20	±0.25	±0.3	±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



ITEM	NAME OF PART	Q"TY	MATERIAL	NOTE
6	SPRING COIL	P	Stainless	/
5	SOLDER PIN	P	Copper Alloy	Tin Plated
4	LEVER	P	PA66+GF	UL94-V0
3	COVER	1	PA66	UL94-V0
2	HOUSING ⚠	1(P≥2) 0(P=1)	PA66	UL94-V0
1	HOUSING ⚠	P-1(P≥2) 1(P=1)	PA66	UL94-V0

DWG.	ZZW	DATE	2021.08.16	UNITS	MM
CHK.		DATE		SCALE	2 : 1
APP.		DATE			

SHEET/OF 1/1 A4

NAME: TLM-203B-7.5-XXP-X

TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.

DWGNO: TLDW-TLM203B75XXPX