

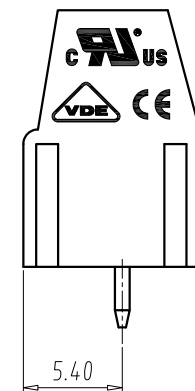
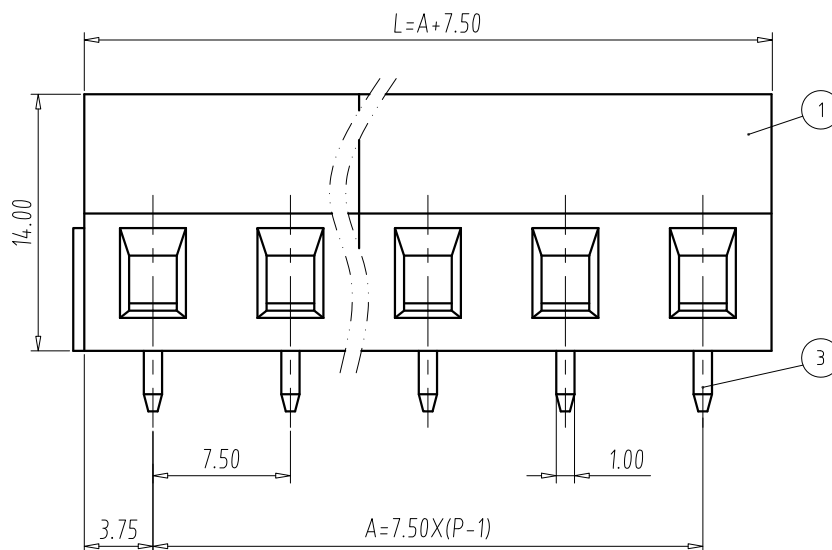
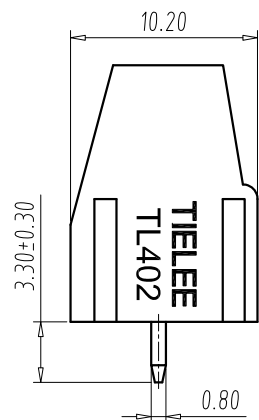
FILE:

REV	E.C.N NO.	CONTENT	CHK	DATE
V1.0		ORIGINAL	ZZW	2021.04.12

NOTES:

- UL:
Rating:300V, 20A;
Insulation Withstands Voltage:
AC1600V/MIN;
Suitable Electric Wire:24AWG~12AWG
- IEC:
Rating:630V, 24A;
Rate Impulse Voltage:6000V;
Insulation Resistance:
500M Ω or more at DC500V;
Contact Resistance: $\leq 5m\Omega$
Material Group: I ;
Pollution Degree:2;
Overvoltage Category:III;
Suitable Electric Wire:
0.2mm²~2.5mm², 4mm² SOL Max;
3. Using Temperature Range:-40℃~+105℃;
4. Screw Torque Value:0.5N·m
5. Strip length:7.0mm
6. RoHS compliance;

PCB LAYOUT
S=2:1



DIM	P	2	3	4	5	6	7	8	9	10	11	12										
		A	7.50	15.00	22.50	30.00	37.50	45.00	52.50	60.00	67.50	75.00	82.50									
		L	15.00	22.50	30.00	37.50	45.00	52.50	60.00	67.50	75.00	82.50	90.00									
DIM	P	13	14	15	16	17	18	19	20	21	22	23	24									
		A	90.00	97.50	105.00	112.50	120.00	127.50	135.00	142.50	150.00	157.50	165.00	172.50								
		L	97.50	105.00	112.50	120.00	127.50	135.00	142.50	150.00	157.50	165.00	172.50	180.00								
Total Pitch Tolerances in mm													Nominal dimension range in mm									
over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over
0	30	53	70	90	115	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
30	53	70	90	115	150	200	250	320	380	450	520	600	680	760	840	920	1000	1100	1200	1300	1400	1500
±0.20	±0.25	±0.30	±0.35	±0.40	±0.45	±0.50	±0.55	±0.60	±0.65	±0.70	±0.75	±0.80	±0.85	±0.90	±0.95	±1.00	±1.05	±1.10	±1.15	±1.20	±1.25	±1.30

4	SCREW	P	STEEL	M3/Zn Plated
3	SOLDER PIN	P	Copper Alloy	Tin plated
2	BLOCK	P	Copper Alloy	Ni Plated
1	HOUSING	/	PA66	UL94-V0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	ZZW	DATE	2021.04.12	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	2.5 : 1	A4	
APP.		DATE		NAME	TL402V-XXP-XC(M3)		
				DWGNO.	TLDW-TL402VXXPXC(M3)		



TIANLI
ELECTRICAL MACHINERY(NINGBO)CO.,LTD.