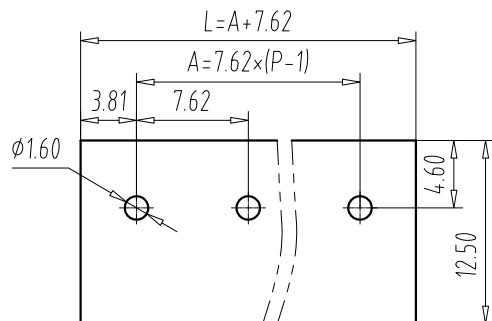
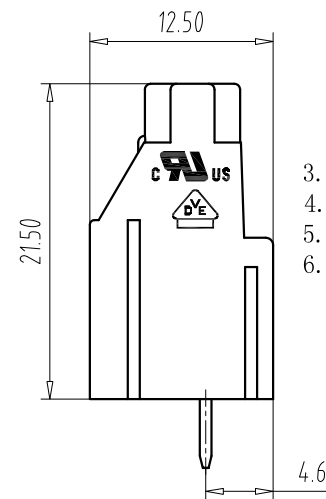
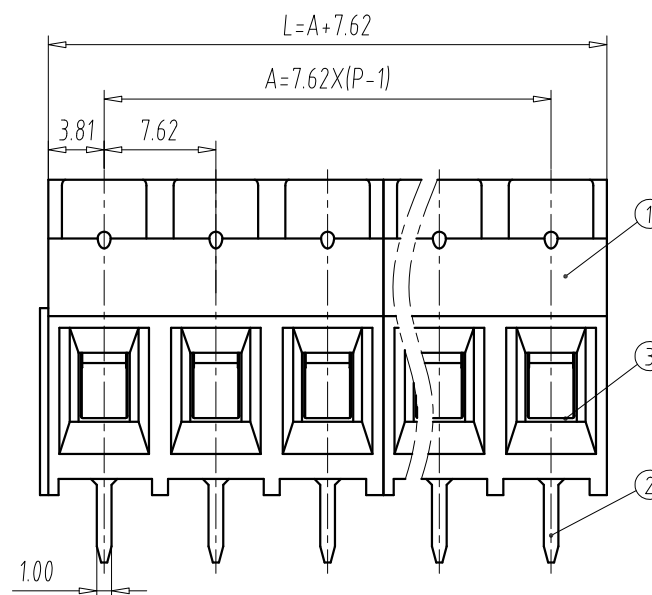
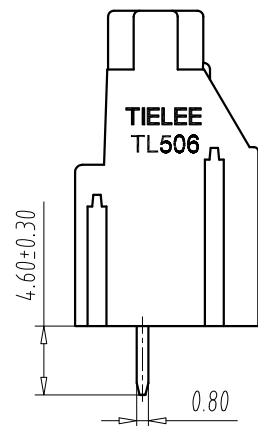
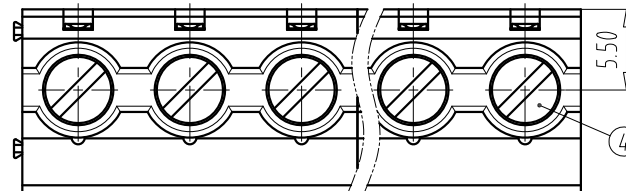


FILE: TL506V-XXP-XS

REV	E.C.N NO.	CONTENT	CHK	DATE
V2.0	S2210012	Update the according to UL,VDE certification	GJW	2022.10.20



PCB LAYOUT
S=2:1



NOTES:

1. UL:

Rating:300V, 30A;
Insulation Withstands Voltage:
AC1600V/MIN;
Suitable Electric Wire:30AWG~10AWG

2. IEC:

Rating:630V, 32A;
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:0.34mm²~6.0mm²
3. Using Temperature Range:-40℃~+115℃;
4. Screw Torque Value:0.5N·m
5. Strip length:7.5~8.5mm
6. RoHS compliance;

DIM	P	2	3	4	5	6	7	8	9	10	11	12					
		L	15.24	22.86	30.48	38.10	45.72	53.34	60.96	68.58	76.20	83.82	91.44				
		A	7.62	15.24	22.86	30.48	38.10	45.72	53.34	60.96	68.58	76.20	83.82				
DIM	P	13	14	15	16	17	18	19	20	21	22	23	24				
		L	99.06	106.68	114.30	121.92	129.54	137.16	144.78	152.40	160.02	167.64	175.26	182.88			
		A	91.44	99.06	106.68	114.30	121.92	129.54	137.16	144.78	152.40	160.02	167.64	175.26			
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

4	SCREW	P	STEEL	Zn Plated
3	BLOCK	P	Copper Alloy	Ni Plated
2	SOLDER.PIN	P	Copper Alloy	Tin Plated
1	HOUSING	1	PA66	UL94V-0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	CZM	DATE	2021.05.06	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	2 : 1	A4	
APP.		DATE					
TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				NAME	TL506V-XXP-XS		
				DWGNO.	TLDW-TL506VXXPXS		