

FILE: TL\TL240A-XXP(XS)

REV	E.C.N NO.	CONTENT	CHK	DATE
V0.1	S2408008	Update drawing	LF	2025.02.08

NOTES:

1. UL:

Rating:300V, 15A;

Insulation Withstands Voltage:AC1600V/MIN;

Suitable Electric Wire:26AWG~12AWG

2. IEC:

Rating:250V, 24A;

Rate Impulse Voltage:4000V;

Insulation Resistance:500M Ω or more at DC500V;Contact Resistance: $\leq 5m\Omega$

Material Group: I ;

Pollution Degree:3;

Overvoltage Category:III;

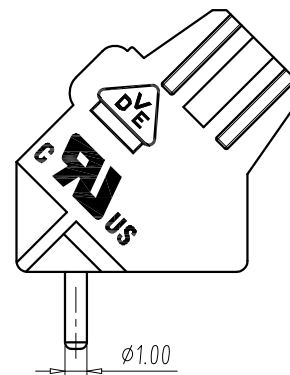
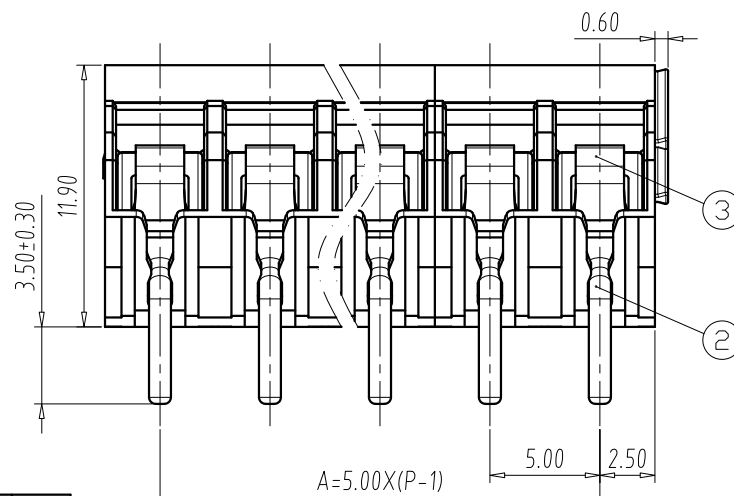
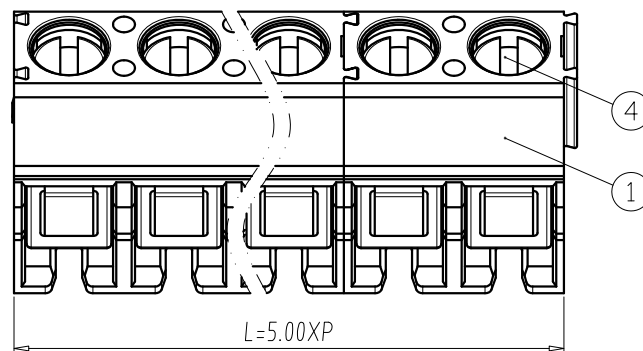
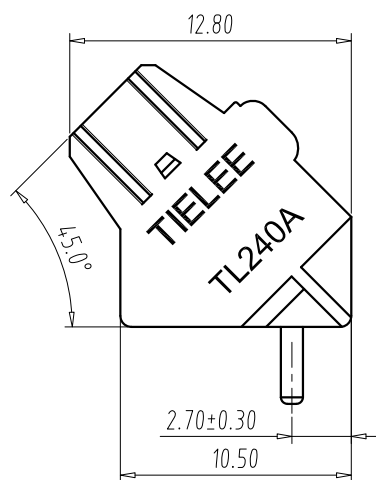
Suitable Electric Wire:0.2mm²~2.5mm²

3. Using Temperature Range:-40℃~+115℃;

4. Screw Torque Value:0.4N·m

5. Strip length:5.0~6.0mm

6. RoHS compliance;

PCB LAYOUT
S=2:1

DIM \ P	2	3	4	5	6	7	8	9	10	11	12	
	L	10	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0
A	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	
DIM \ P	13	14	15	16	17	18	19	20	21	22	23	24
	L	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0
A	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0

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	M2.5/Zn Plated
3	SPRING	P	STAINLESS	/
2	SOLDER PIN	P	COPPER ALLOY	Tin Plated
1	HOUSING	1	PA66	UL94V-0

DWG.	LF	DATE	2023.12.02	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	3 : 1	A4	
APP.		DATE			TL240A-XXP(XS)		
 TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				NAME			
				DWGNO.	TLDW-TL240AXXPXS		