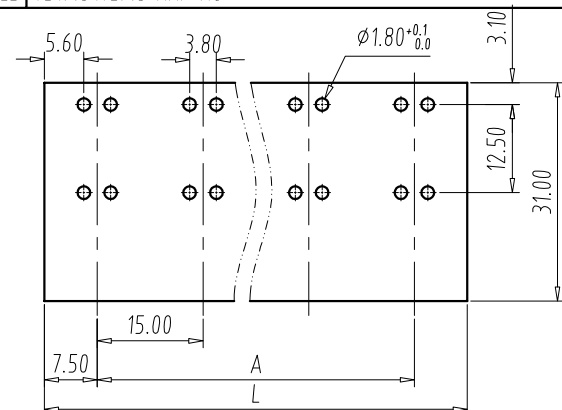
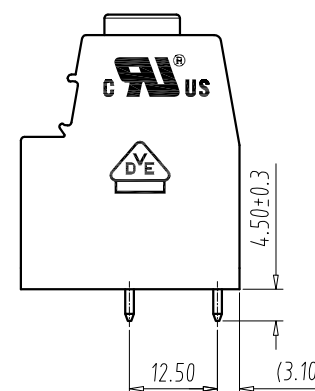
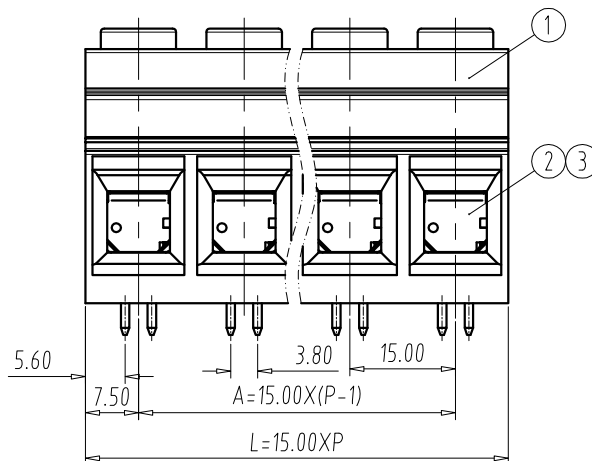
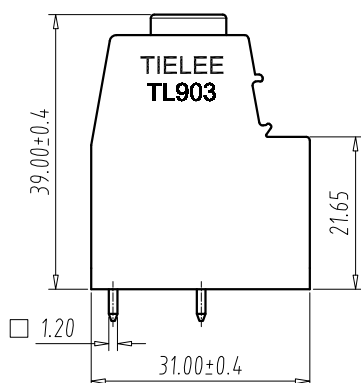
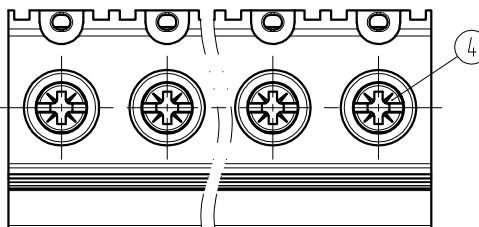


FILE: TL1903\TL903-XXP-XC



PCB LAYOUT



NOTES:

1. UL:

Rating:600V, 120A;
Insulation Withstands Voltage:AC2200V/MIN;
Suitable Electric Wire:20AWG~2AWG
Using Temperature Range:-40℃~+115℃

2. IEC:

Rating:1000V, 125A;
Rate Impulse Voltage:8000V;
Insulation Resistance:500MΩ or more at DC500V;
Contact Resistance: ≤5mΩ
Material Group: I ;
Pollution Degree:2;
Overvoltage Category:III;
Suitable Electric Wire:0.5mm²~35mm²
Using Temperature Range:-40℃~+120℃

3. Screw Torque Value:4.0N·m

4. Strip length:18.0~19.0mm

5. RoHS compliance;

DIM	P	02	03	04	05	06	07	08	09	10	11	12
L		30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0	150.0	165.0	180.0
A		15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0	150.0	165.0

A	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 320 to 350	over 350 to 400	over 400 to 450	over 450 to 500	over 500 to 550	over 550 to 600	over 600 to 650	over 650 to 700							
	0	30	53	70	90	115	150	200	250	320	350	400	450	500	550	600	650	700						
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to						
±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																								

4	SCREW	P	STEEL	M5/Zn Plated
3	BLOCK	P	STEEL	Zn Plated
2	SOLDER PIN	P	Copper Alloy	Tin Plated
1	HOUSING	1	PA66	UL94 V-0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	YHZ	DATE	2021.11.27	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	1:1	A4	
APP.		DATE		NAME			
TIANLI ELECTRICAL MACHINERY (NINGBO) CO., LTD.				TL903-XXP-XC			
				DWGNO			
				TLDW-TL903XXPXC			