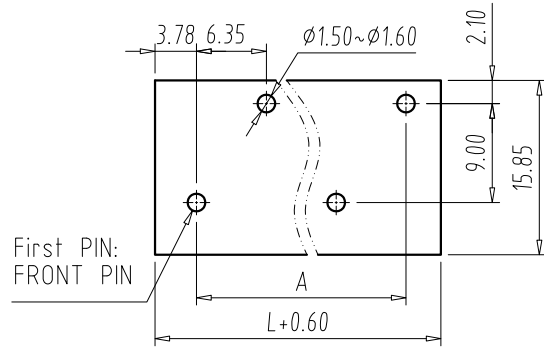
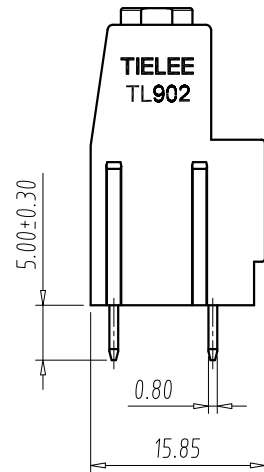
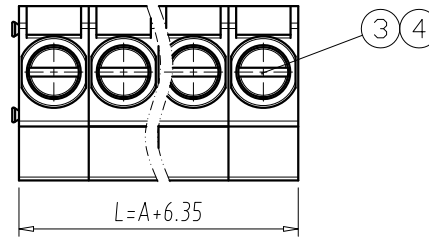


FILE: TL\902\TL902VB-XXP(XS)

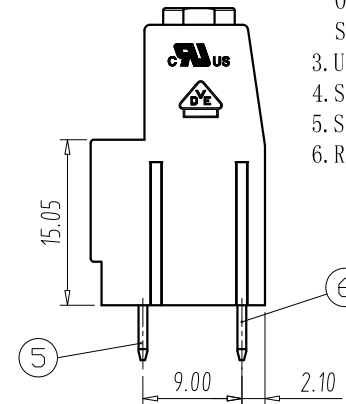
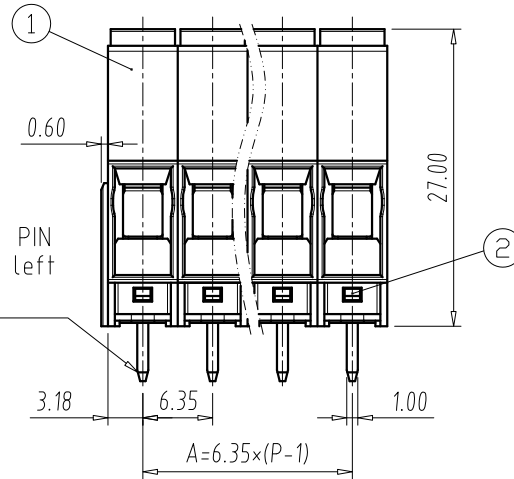
REV	E.C.N NO.	CONTENT	CHK	DATE
V0.1		Add UL and VDE logo	GJW	2025.05.12



PCB LAYOUT
S=1.5:1



The first PIN
from the left
is FRONT

**NOTES:****1. UL:**

Rating:600V, 35A
Insulation Withstands Voltage:AC2200V/MIN
Suitable Electric Wire:24AWG~8AWG

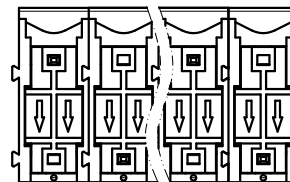
2. IEC:

Rating:1000V, 41A
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:0.2mm²~6mm²

3. Using Temperature Range:-40℃~+115℃**4. Screw Torque Value:0.5N·m****5. Strip length:8mm****6. RoHS compliance**

DIM	P	2	3	4	5	6	7	8
L		12.7	19.05	25.4	31.75	38.1	44.45	50.8
A		6.35	12.7	19.05	25.4	31.75	38.1	44.45

DIM	P	9	10	11	12	13	14	15	16
L		57.15	63.5	69.85	76.2	82.55	88.9	95.25	101.6
A		50.8	57.15	63.5	69.85	76.2	82.55	88.9	95.25



6	BACK.SOLDER.PIN	P/2=Even P-1/2=Odd	Copper Alloy	Tin Plated
5	FRONT.SOLDER.PIN	P/2=Even P-1/2=Odd	Copper Alloy	Tin Plated
4	CAGE	P	STEEL	M3/Zn Plated
3	SCREW	P	STEEL	M3/Zn Plated
2	COVER	P	PA66	UL94 V-0
1	HOUSING	P	PA66	UL94 V-0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	GJW	DATE	2023.07.06	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	1.5 : 1	A4	
APP.		DATE		NAME	TL902VB-XXP(XS)		
TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				DWGNO.	TLDW-TL902VBXXPXS		