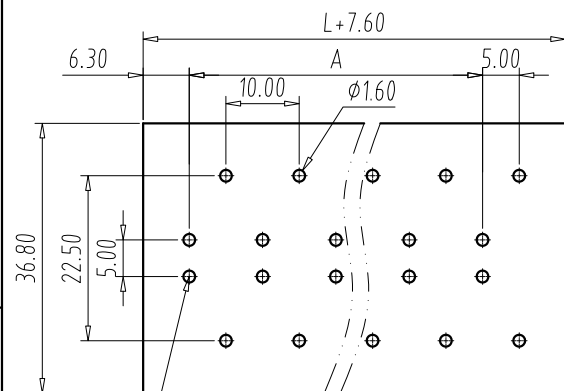
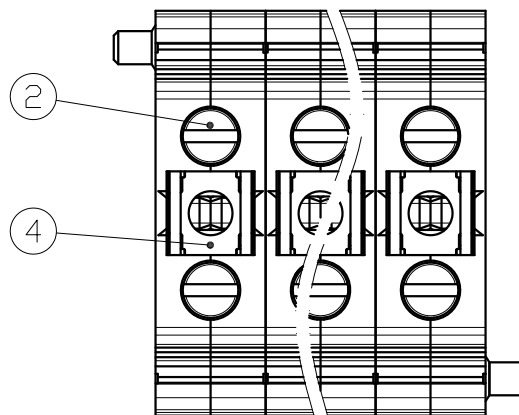


FILE: TL\705\TL705DS-XXP(XS)

REV	E.C.N NO.	CONTENT	CHK	DATE
V0.1		DRAWING UPDATE	HSR	2023.11.01

**First PIN** **PCB LAYOUT**

NOTES:

1. UL:

Rating:300V, 65A;
Insulation Withstands Voltage:AC1600V/MIN;
Suitable Electric Wire:24AWG~6AWG

2. IEC:

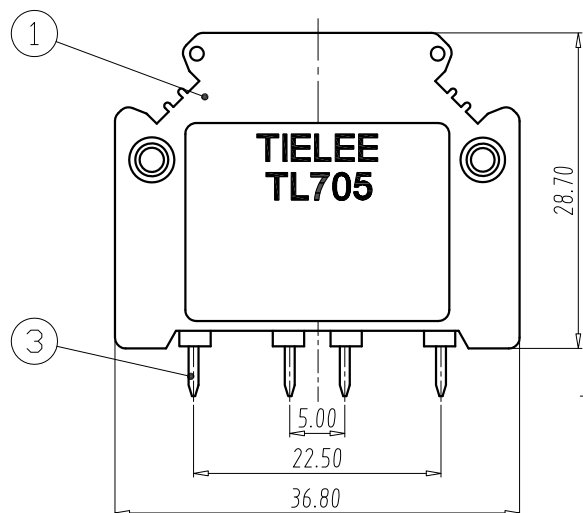
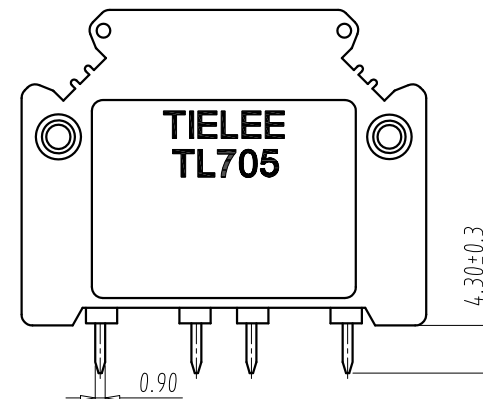
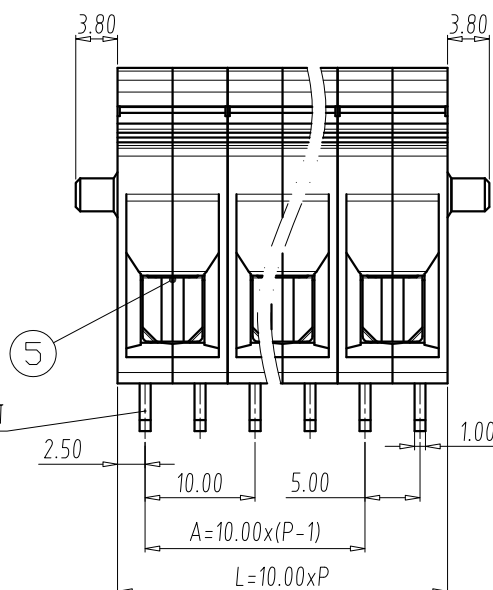
Rating:630V, 76A;
Rate Impulse Voltage:6000V;
Insulation Resistance:500MΩ or more at DC500V;
Contact Resistance: ≤5mΩ
Material Group: I ;
Pollution Degree:2;
Overvoltage Category:III;
Suitable Electric Wire:0.5mm²~16mm²

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

4. Screw Torque Value:1.2N·m

5. Strip length:12~13mm

6. RoHS compliance;

**First PIN**

DIM	P	1	2	3	4	5	6	7	8	9	10	11	12
A	/	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00
L	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	

A	Total Pitch Tolerances in mm									Nominal dimension range in mm								
	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250
	to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 320	to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 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

5	PRESSING LINE PLATE	2P	Copper Alloy	Ni Plated
4	ELECTRIC	P	Copper Alloy	Ni Plated
3	SOLDER PIN	P	Copper Alloy	Tin Plated
2	SCREW	2P	Copper Alloy	M4/Ni Plated
1	HOUSING	2P	PA66	UL94V-0

DWG.	HSR	DATE	2023.07.11	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	15 : 1	A4	
APP.		DATE		NAME TL705DS-XXP(XS)			
TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				DWGNO.	TLDW-TL705DSXXPXS		