

FILE: TL\220\TL220RA-XXP-XS

REV	E.C.N NO.	CONTENT	CHK	DATE
V1.0		ORIGINAL	YHZ	2021.12.30

NOTES:

1. UL:

Rating:300V, 20A;

Insulation Withstands Voltage:AC2000V/MIN;

Suitable Electric Wire:28AWG~12AWG

Using Temperature Range:-40℃~+115℃;

2. IEC:

Rating:320V, 24A;

Rate Impulse Voltage:4000V;

Insulation Resistance:500MΩ or more at DC500V;

Contact Resistance: ≤5mΩ

Material Group: I ;

Pollution Degree:2;

Overvoltage Category:III;

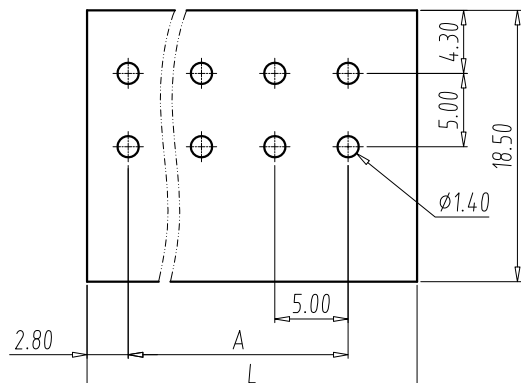
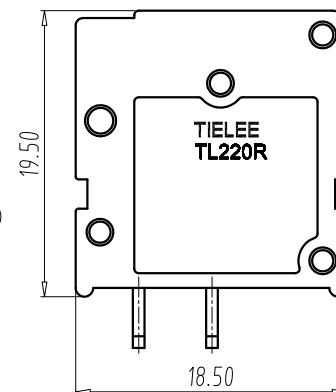
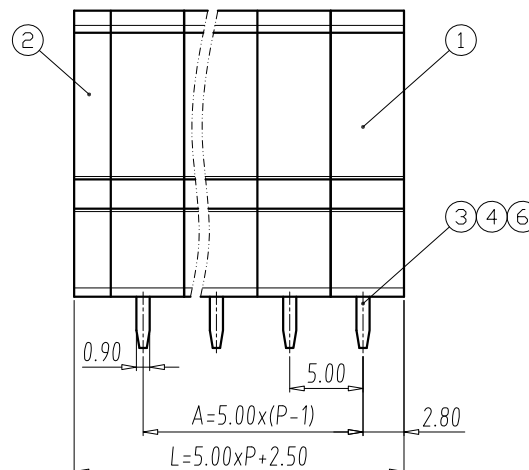
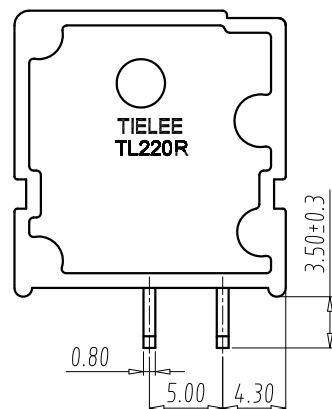
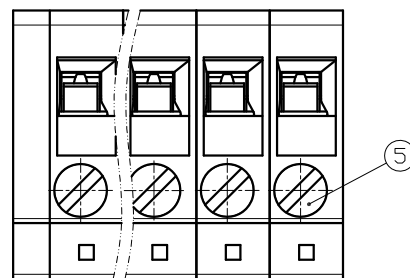
Suitable Electric Wire:0.34mm²~2.5mm²

Using Temperature Range:-40℃~+120℃;

3. Screw Torque Value:0.4N·m

4. Strip length:12.0~13.0mm

5. RoHS compliance;

PCB LAYOUT
S=2:1

DIM	P	2	3	4	5	6	7	8	9	10	11	12
L		12.5	17.5	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5	62.5
A		5	10	15	20	25	30	35	40	45	50	55

DIM	P	13	14	15	16	17	18	19	20	21	22	23	24
L		67.5	72.5	77.5	82.5	87.5	92.5	97.5	102.5	107.5	112.5	117.5	122.5
A		60	65	70	75	80	85	90	95	100	105	110	115

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		

6	SOLDER PIN	P	COPPER ALLOY	Tin Plated
5	SCREW	P	STEEL	M2.5/Zn PLATED
4	FE-BLOCK	P	STEEL	Zn PLATED
3	BLOCK	P	STEEL	Zn PLATED
2	COVER	1	PA66	UL94 V-0
1	HOUSING	P	PA66	UL94 V-0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	YHZ	DATE	2021.12.30	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	2 : 1	A4	
APP.		DATE					
TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				NAME	TL220RA-XXP-XS		
				DWGNO.	TLDW-TL220RAXXPXS		