

FILE: TL\100\TL100R-XXP-XS

REV	E.C.N NO.	CONTENT	CHK	DATE
V1.0		ORIGINAL	YHZ	2021.12.23

NOTES:

1. UL:

Rating:300V, 10A;
Insulation Withstands Voltage:AC2000V/MIN;
Suitable Electric Wire: 24AWG~16AWG
Using Temperature Range:-40℃~+105℃;

2. IEC:

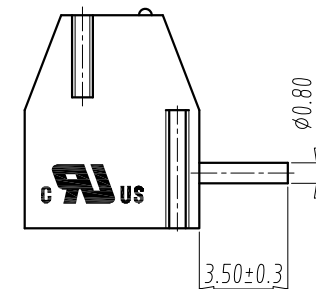
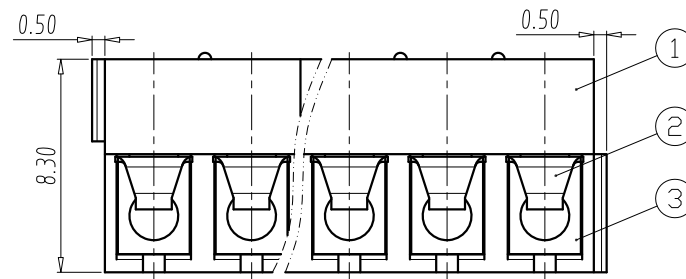
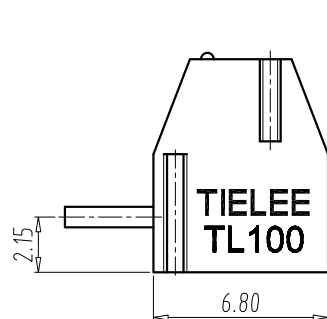
Rating:160V, 13.5A;
Rate Impulse Voltage:2500V;
Insulation Resistance:500MΩ or more at DC500V;
Contact Resistance: ≤5mΩ
Material Group:I;
Pollution Degree:2;
Overvoltage Category:III;
Suitable Electric Wire:0.2mm²~1mm²
Using Temperature Range:-40℃~+115℃;

3. Screw Torque Value:0.2N·m

4. Strip length:5.5mm

5. RoHS compliance;

PCB LAYOUT
S=3:1



DIM	P	2	3	4	5	6	7	8	9	10	11	12
L		7.62	11.43	15.24	19.05	22.86	26.67	30.48	34.29	38.1	41.91	45.72
A		3.81	7.62	11.43	15.24	19.05	22.86	26.67	30.48	34.29	38.1	41.91

DIM	P	13	14	15	16	17	18	19	20	21	22	23	24
L		49.53	53.34	57.15	60.96	64.77	68.58	72.39	76.2	80.01	83.82	87.63	91.44
A		45.72	49.53	53.34	57.15	60.96	64.77	68.58	72.39	76.2	80.01	83.82	87.63

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 30	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 30	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	
	30	53	70	90	115	150	200	250	320	30	53	70	90	115	150	200	250	320	30	53	70	90	115	150	200	250	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	±0.20	±0.25	±0.3	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	±1.20

4	SCREW	P	STEEL	M2/Zn Plated
3	SOLDER PIN	P	Copper Alloy	Tin Plated
2	SPRING	P	STAINLESS	/
1	HOUSING	1	PA66	UL94 V-0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	YHZ	DATE	2021.12.23	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	3.5 : 1	A4	
APP.		DATE		NAME	TL100R-XXP-XS		
TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				DWGNO.	TLDW-TL100RXXPXS		