

FILE: TLPV105\TLPHDW-105V-XXP-X

REV	E.C.N NO.	CONTENT	CHK	DATE
V2.0	S2401007	Change pollution degree	SZ	2024.01.25

NOTES:

1. UL:

Rating:300V, 10A;

Insulation Withstands Voltage:AC1600V/MIN;

Using Temperature Range:-40℃~+115℃;

2. IEC:

Rating:320V, 10A;

Rate Impulse Voltage:4000V;

Insulation Resistance:500MΩ or more at DC500V;

Contact Resistance: ≤5mΩ

Material Group: I ;

Pollution Degree:2;

Overvoltage Category:III;

Using Temperature Range:-40℃~+120℃;

3. RoHS compliance;

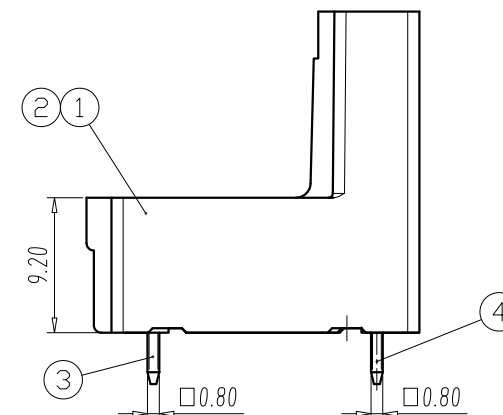
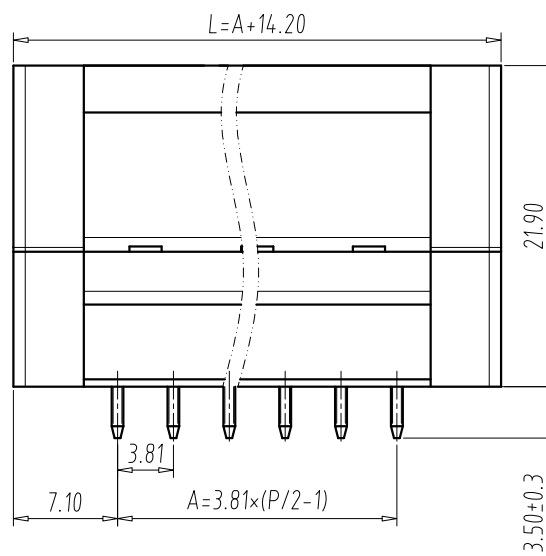
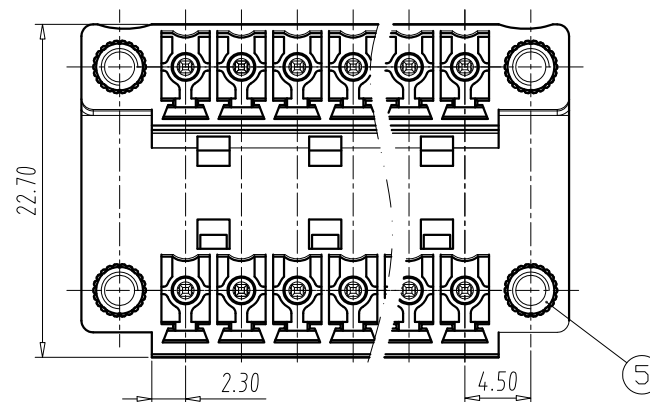
PCB LAYOUT

S=1.5:1

TIELEE
TLPHDW-105

DIM	P	04	06	08	10	12	14	16	18	20	22	24	
		A	3.81	7.62	11.43	15.24	19.05	22.86	26.67	30.48	34.29	38.1	41.91
	L	18.01	21.82	25.63	29.44	33.25	37.06	40.87	44.68	48.49	52.3	56.11	
DIM	P	26	28	30	32	34	36	38	40	42	44	46	48
		A	45.72	49.53	53.34	57.15	60.96	64.77	68.58	72.39	76.2	80.01	83.82
	L	59.92	63.73	67.54	71.35	75.16	78.97	82.78	86.59	90.4	94.21	98.02	101.83

Total Pitch Tolerances in mm										Nominal dimension range in mm									
over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over	over
0	30	53	70	90	115	150	200	250	300	350	400	450	500	550	600	650	700	750	800
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	300	350	400	450	500	550	600	650	700	750	800	850
±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	NUT	4	COPPER ALLOY	M2.5
4	LONG SOLDER PIN	P/2	COPPER ALLOY	Tin Plated
3	SHORT SOLDER PIN	P/2	COPPER ALLOY	Tin Plated
2	COVER	1	PA66	UL94V-0
1	HOUSING	1	PA66	UL94V-0

DWG.	SK	DATE	2021.05.12	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	2 : 1	A4	
APP.		DATE		NAME	TLPHDW-105V-XXP-X		
 TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				DWGNO.	TLDW-TLPHDW105VXXPX		