

FILE: TLP\105\TLPHDC-105R-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:AC2000V/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

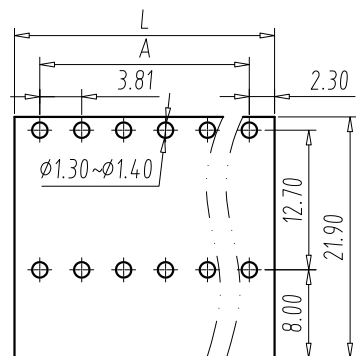
Material Group: I;

Pollution Degree:2;

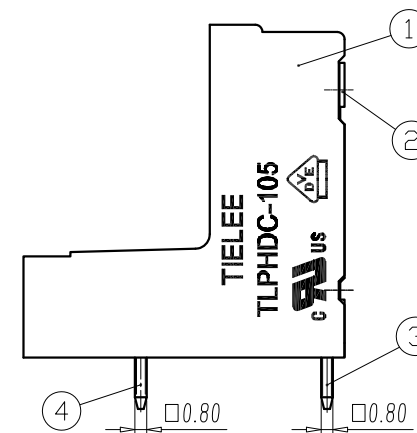
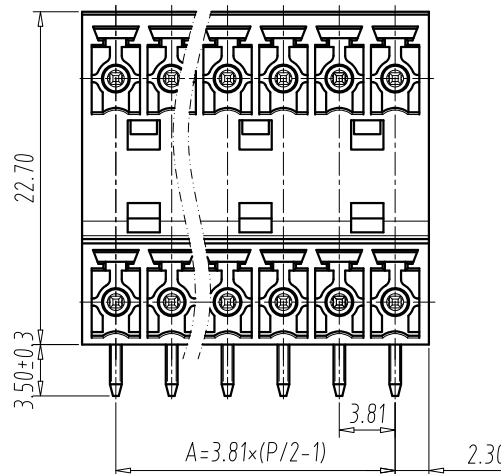
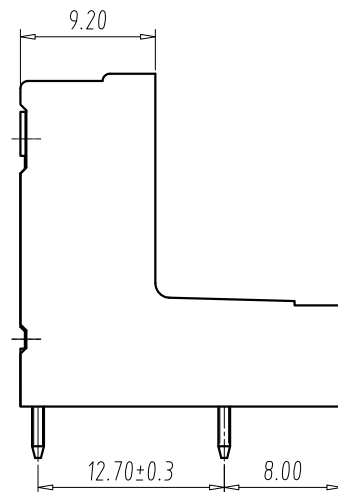
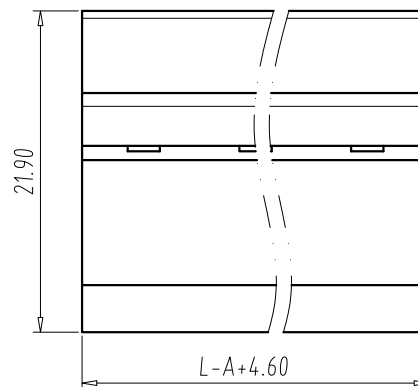
Overvoltage Category:III;

Using Temperature Range:-40℃~+120℃;

3. RoHS compliance;



PCB LAYOUT
S=1.5:1



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	8.41	12.22	16.03	19.84	23.65	27.46	31.27	35.08	38.89	42.7	46.51	
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	50.32	54.13	57.94	61.75	65.56	69.37	73.18	76.99	80.8	84.61	88.42	92.23

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 300	over 350	over 400	over 450	over 500	over 550	over 600	over 650	over 700	over 750	over 800
to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 300	to 350	to 400	to 450	to 500	to 550	to 600	to 650	to 700	to 750	to 800	to 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		

4	SHORT SOLDER PIN	P/2	COPPER ALLOY	Tin Plated
3	LONG SOLDER PIN	P/2	COPPER ALLOY	Tin Plated
2	COVER	1	PA66	UL94V-0
1	HOUSING	1	PA66	UL94V-0
ITEM	NAME OF PART	Q'TY	MATERIAL	NOTE

DWG.	SK	DATE	2021.05.12	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	2:1	A4	
APP.		DATE		NAME TLPHDC-105R-XXP-X			
DWGNO. TLDW-TLPHDC105RXXPX							

TIANLI
ELECTRICAL MACHINERY(NINGBO)CO.,LTD.