

FILE: TLPX105\TLPHDW-105R-XXP-X

REV	E.C.N NO.	CONTENT	CHK	DATE
V2.0	S2401007	Change pollution degree	SZ	2024.01.19

NOTES:

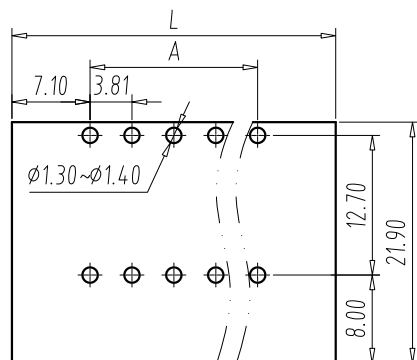
1. UL:

Rating:300V,10A;
Insulation Withstands Voltage:AC1600V/MIN;
Using Temperature Range:-40℃~+115℃;

2. IEC:

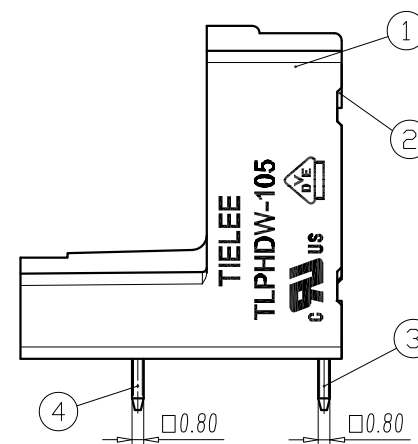
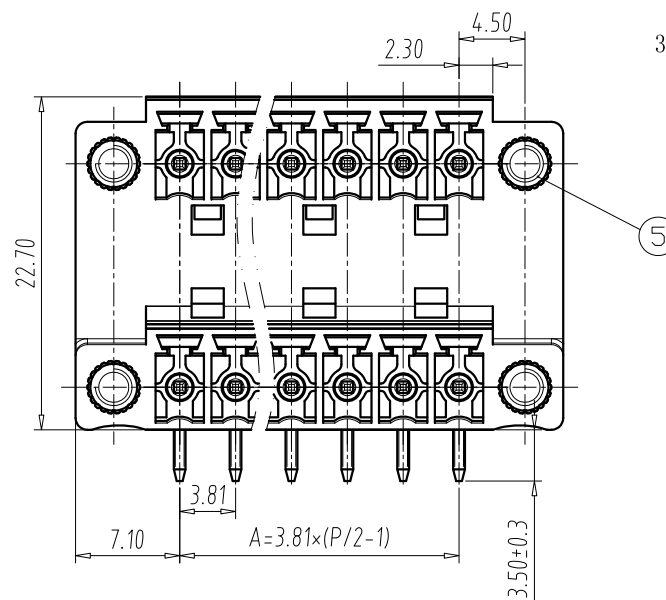
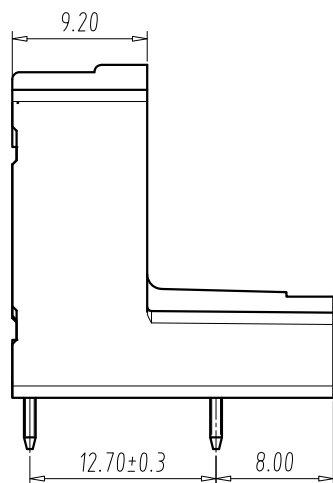
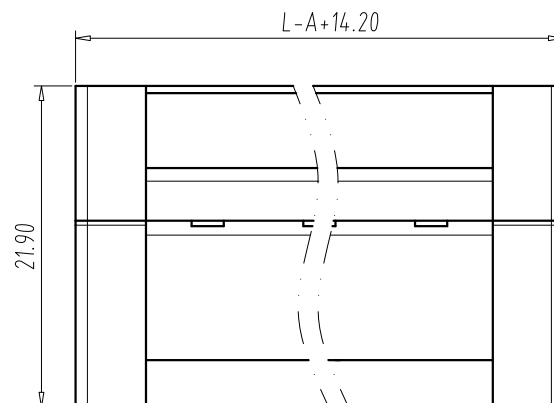
Rating:320V,10A;
Rate Impulse Voltage:4000V;
Insulation Resistance:500MΩ or more at DC500V;
Contact Resistance: ≤5mΩ
Material Group: I ;
Pollution Degree:2;
Overvoltage Category:III;
Using Temperature Range:-40℃~+120℃;

3. RoHS compliance;



PCB LAYOUT

S=1.5:1



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 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 300	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 300	over 320
to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 300	to 320	to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 300	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	NUT	4	COPPER ALLOY	M2.5
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 TLPHDW-105R-XXP-X			
TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				DWGNO.	TLDW-TLPHDW105RXXPX		