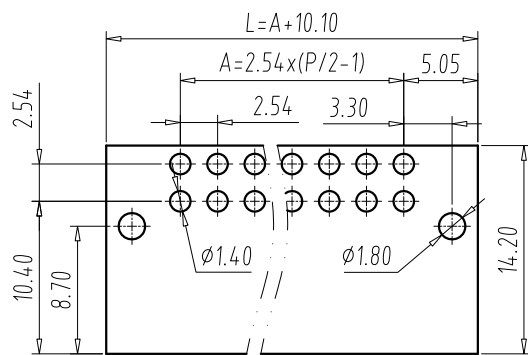
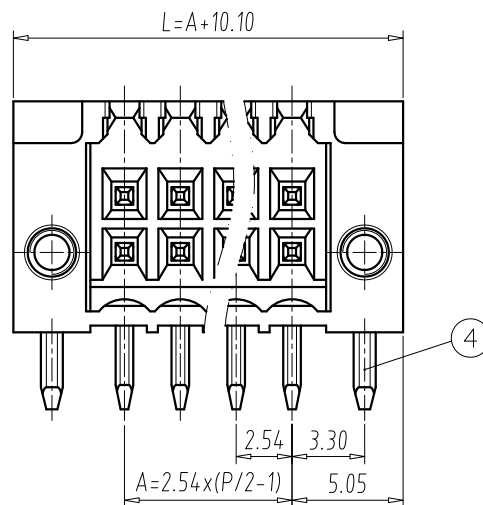
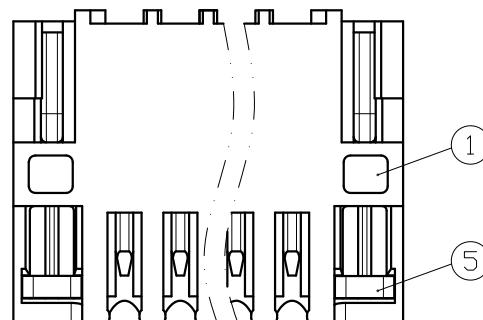


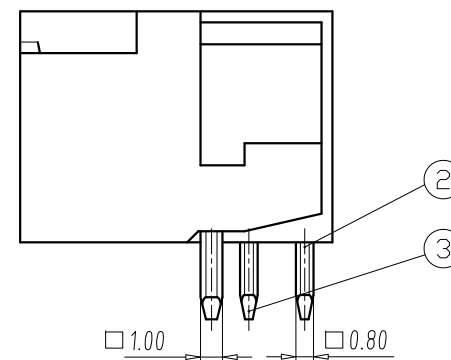
FILE: TLP\020\TLPHDW-020R-XXP(X)

REV	E.C.N NO.	CONTENT	CHK	DATE
V0.1	S2507009	Add UL LOGO	ZX	2025.07.14

PCB layout for reference only
S=2:1

NOTES:

- UL:
Rating:150V, 5A;
Insulation Withstands Voltage:AC1300V/MIN;
- IEC:
Rating:320V, 6A;
Rate Impulse Voltage:2500V;
Insulation Resistance:500M Ω or more at DC500V;
Contact Resistance: $\leq 5m\Omega$
Material Group: I ;
Pollution Degree:2;
Overvoltage Category: II ;
- Using Temperature Range:-40 $^{\circ}$ C $\sim$ +115 $^{\circ}$ C;
- RoHS compliance;



DIM	P	4	6	8	10	12	14	16	18	20	22	24					
		L	12.64	15.18	17.72	20.26	22.80	25.34	27.88	30.42	32.96	35.50	38.04				
A		2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	25.40	27.94					
DIM	P	26	28	30	32	34	36	38	40	42	44	46	48				
		L	40.58	43.12	45.66	48.20	50.74	53.28	55.82	58.36	60.90	63.44	65.98	68.52			
		A	30.48	33.02	35.56	38.10	40.64	43.18	45.72	48.26	50.80	53.34	55.88	58.42			
A																	
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

5	NUT	2	COPPER ALLOY	/
4	FIXED PIN	2	COPPER ALLOY	Tin Plated
3	SHORT SOLDER PIN	P/2	COPPER ALLOY	Tin Plated
2	LONG SOLDER PIN	P/2	COPPER ALLOY	Tin Plated
1	HOUSING	1	PA66	UL94 V-0

DWG.	ZY	DATE	2023.03.12	UNITS	MM	SHEET/OF	1/1
CHK.		DATE		SCALE	3 : 1	A4	
APP.		DATE		NAME	TLPHDW-020R-XXP(X)		
 TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.				DWGNO.	TLDW-TLPHDW020RXXPX		

TIANLI
ELECTRICAL MACHINERY(NINGBO)CO.,LTD.