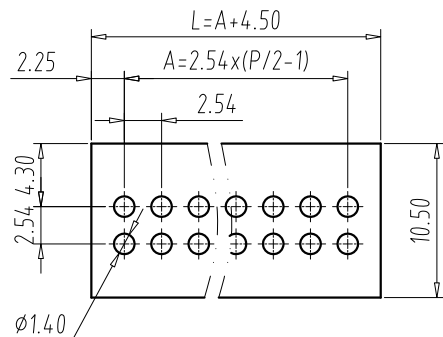


FILE: TLP\020\TLPHDW-020V-XXP(X)

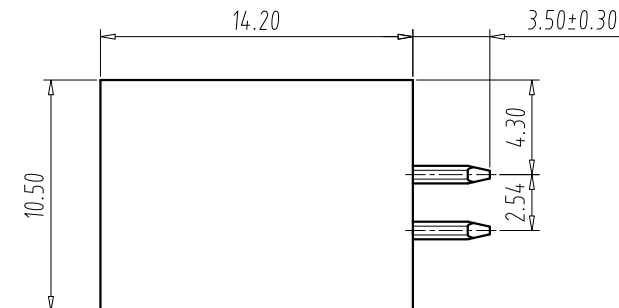
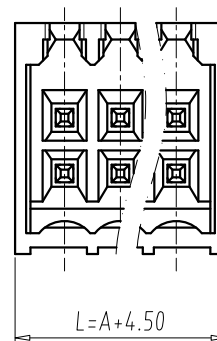
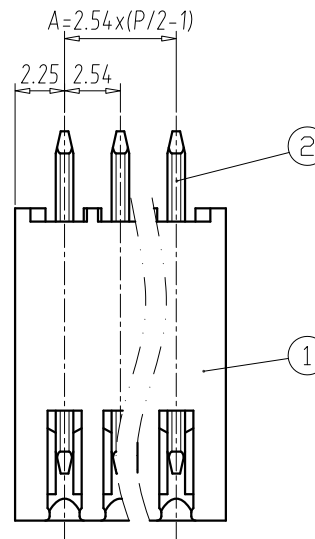
REV	E.C.N NO.	CONTENT	CHK	DATE
V0.1	S2507009	Add UL LOGO	ZX	2025.07.14

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;



PCB layout for reference only
S=2:1



DIM	P	4	6	8	10	12	14	16	18	20	22	24
L		7.04	9.58	12.12	14.66	17.2	19.74	22.28	24.82	27.36	29.9	32.44
A		2.54	5.08	7.62	10.16	12.7	15.24	17.78	20.32	22.86	25.4	27.94

DIM	P	26	28	30	32	34	36	38	40	42	44	46	48
L		34.98	37.52	40.06	42.6	45.14	47.68	50.22	52.76	55.3	57.84	60.38	62.92
A		30.48	33.02	35.56	38.1	40.64	43.18	45.72	48.26	50.8	53.34	55.88	58.42

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	over 850	over 900	over 950	over 1000
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	to 900	to 950	to 1000	to 1050
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.55	±0.70	±0.75	±0.80	±0.85	±0.90	±0.95	±1.00	±1.05	±1.10	±1.15	±1.20	±1.25	±1.30	±1.35	±1.40	±1.45	±1.50

		2	SOLDER PIN	P	COPPER ALLOY		Tin Plated	
		1	HOUSING	1	PA66		UL94 V-0	
ITEM	NAME OF PART		NO. OF PART	Q'TY	MATERIAL		NOTE	
DWG.	ZX	DATE	2023.12.19	UNITS	MM	SHEET/OF		1/1
CHK.		DATE		SCALE	3 : 1	A4		
APP.		DATE		NAME		TLPHDC-020V-XXP(X)		
 TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.								
			DWGNO.	TLDW-TLPHDC020VXXPX				