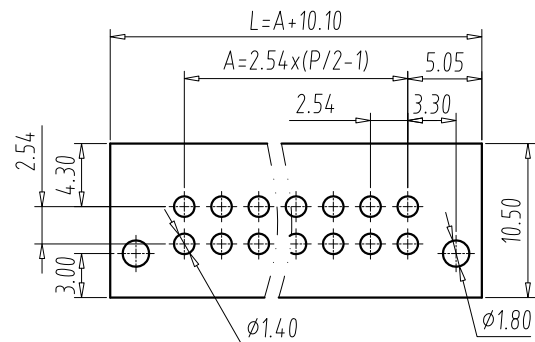
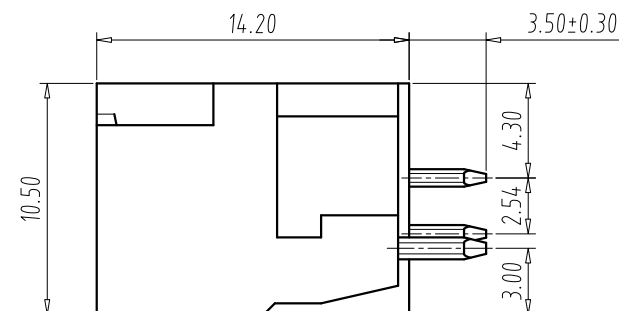
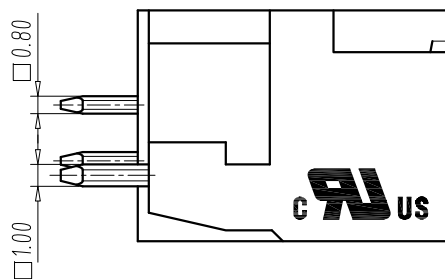
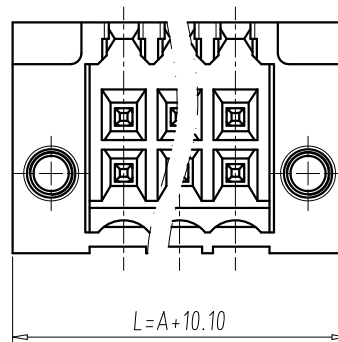
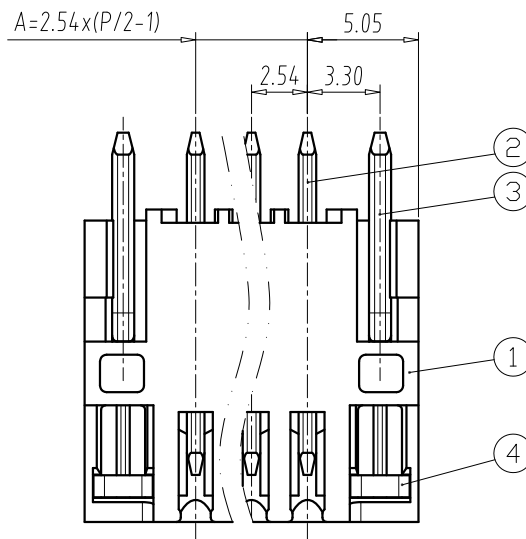


FILE: TLP\020\TLPHDW-020V-XXP(X)

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



PCB layout for reference only
S=2:1



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

Total Pitch Tolerances in mm									Nominal dimension range in mm									$\perp$		$\equiv$	$—$		$//$
over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 0	over 30	over 53	over 70	over 90	over 115	over 150	over 200	over 250	over 0	over 10		over 0	over 100	over 150
to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 320	to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 320	to 10	to 10	all	to 100	to 150	
±0.18	±0.20	±0.25	±0.3	±0.35	±0.44	±0.55	±0.70	±0.75	±0.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	0.2	0.3	0.3	0.2	0.3	0.5

NOTES:

- UL:
Rating:150V, 5A;
Insulation Withstands Voltage:AC1300V/MIN;
- IEC:
Rating:320V, 6A;
Rate Impulse Voltage:2500V;
Insulation Resistance:500MΩ or more at DC500V;
Contact Resistance: ≤5mΩ
Material Group: I;
Pollution Degree:2;
Overvoltage Category: II;
- Using Temperature Range:-40℃~+115℃;
- RoHS compliance;

4	NUT	2	COPPER ALLOY	/
3	FIXED PIN	2	COPPER ALLOY	Tin Plated
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	TLPHDW-020V-XXP(X)			
 TIANLI ELECTRICAL MACHINERY(NINGBO)CO.,LTD.								
			DWGNO	TLDW-TLPHDW020VXXPX				



TIANLI
ELECTRICAL MACHINERY(NINGBO)CO.,LTD.