

FILE: TS\TS2.5-3L-PV(X)

REV	E.C.N NO.	CONTENT	CHK	DATE
V0.1		Update the drawing	LF	2026.01.07

NOTES:

1. UL:

Rating:300V, 20A;
Insulation Withstands Voltage:AC2000V/MIN;
Suitable Electric Wire:26AWG~12AWG

2. IEC:

Rating:500V, 22A;
Rate Impulse Voltage:6000V;
Insulation Resistance:500M Ω or more at DC500V;
Contact Resistance: $\leq 5m\Omega$
Material Group: I ;
Pollution Degree:3;
Overvoltage Category:III;
Suitable Electric Wire:0.2mm²~2.5mm² & 4mm² (SOL)

3. Using Temperature Range:-40℃~+115℃;

4. Strip length:8~10mm

5. RoHS compliance;

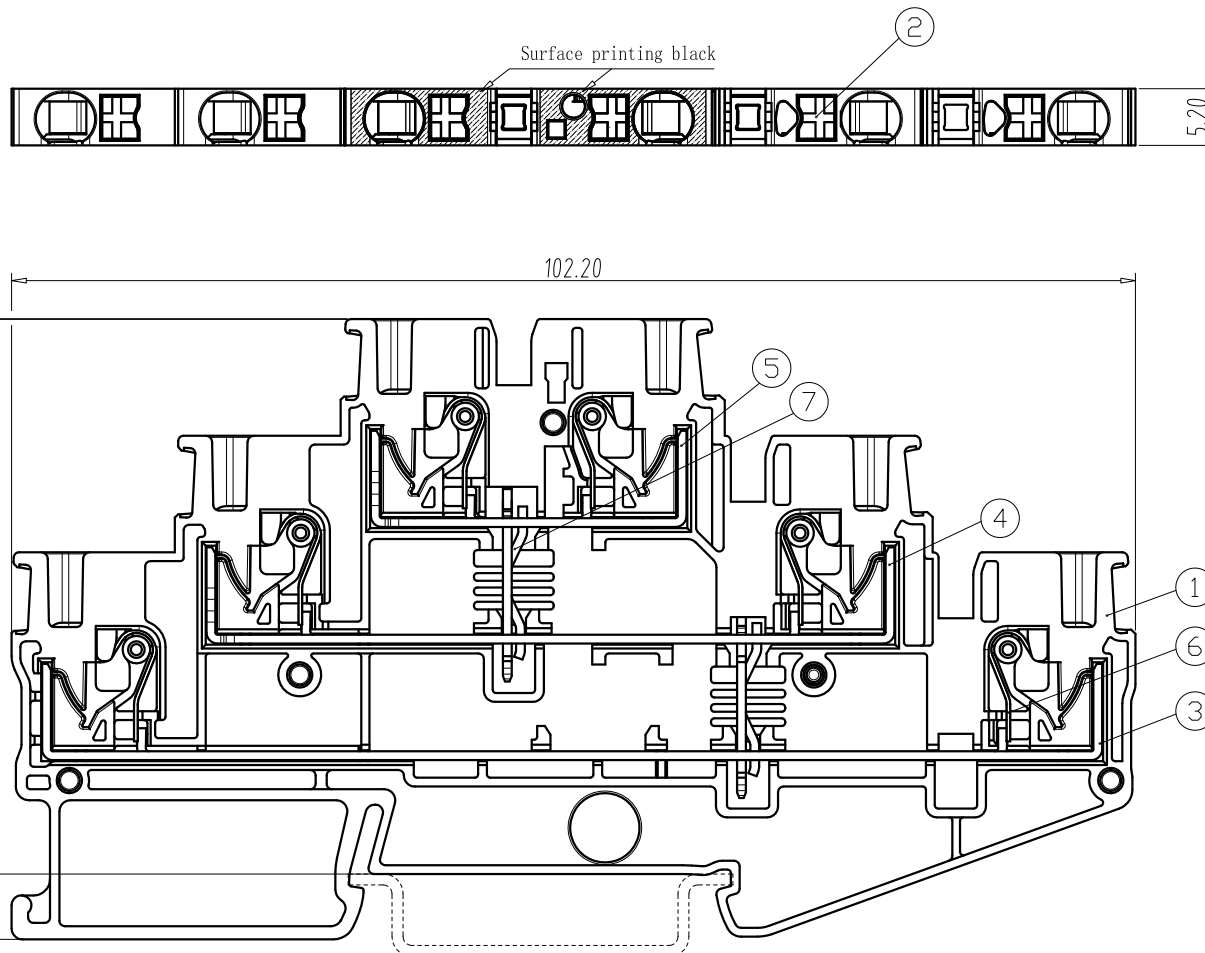
TS2. 5-3L-PV (X)

Color: M19:Grey
L01:Blue
R03:Red
K:Black
:

Three deck

7	BRIDGE PIECE	2	H-Copper Alloy	Tin Plated
6	SPRING	6	Stainless steel	/
5	CURRENT CARRIER 01	1	Copper Alloy	Tin Plated
4	CURRENT CARRIER 02	1	Copper Alloy	Tin Plated
3	CURRENT CARRIER 03	1	Copper Alloy	Tin Plated
2	LEVER	6	PBT	UL94 V-0
1	HOUSING	1	PA66	UL94 V-0

ITEM	NAME OF PART	Q"TY	MATERIAL		NOTE	
DATE	2025.03.14	UNITS	MM	SHEET/OF		1/1
DATE		SCALE	1:5	A4		
DATE		NAME	TS2.5-3L-PV(X)			
TIANLI MACHINERY(NINGBO)CO.,LTD.		DWGNO.	TLDW-TS253LPV(X)			



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 320	to 300	to 30	to 53	to 70	to 90	to 115	to 150	to 200	to 250	to 320	to 320
±0.20	±0.25	±0.3	±0.35	±0.44	±0.55	±0.70	±0.85	±1.00	±1.20	±0.25	±0.30	±0.35	±0.44	±0.55	±0.70	±0.80	±0.90	±1.20	±1.20