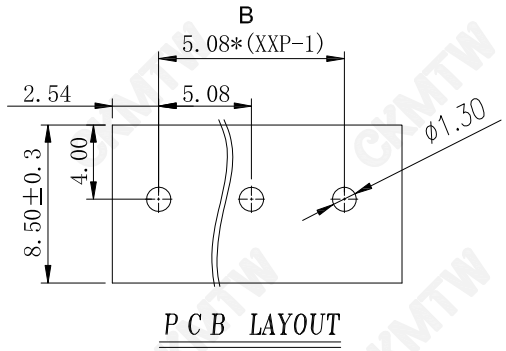
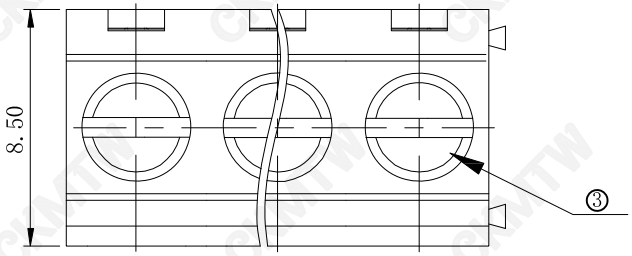
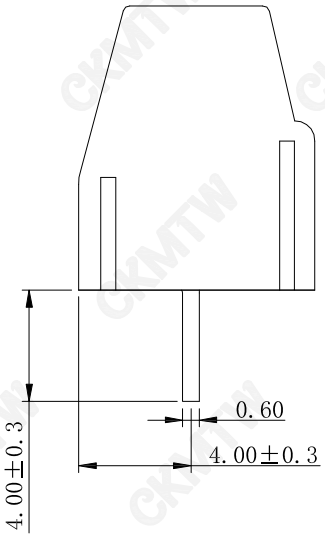
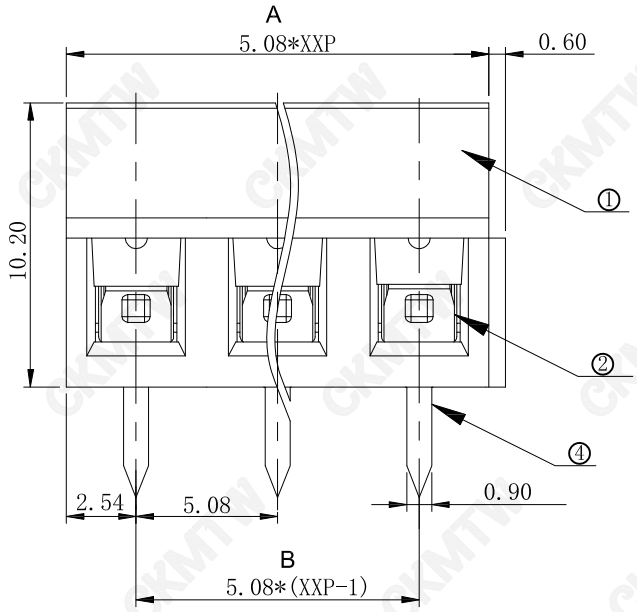


P C B LAYOUT







UL/CUL 技术 参数 UL/CUL Technical Data			
等 级 Use Group	B	C	D
额定电压 Rated Voltage [V]	300	-	300
额定电流 Rated Current [A]	16	-	10
接线范围 Wire Range 单/多芯线 Solid/Stranded [AWG]	26-14		
耐电压 Withstanding Voltage	1600V/1Min		
IEC 技术参数 IEC Technical Data			
过电压类别 Overvoltage Category	III	III	II
污染等级 Contamination Class	3	2	2
额定电压 Rated Voltage [V]	250	400	630
额定电流 Rated Current [A]	17.5	17.5	17.5
额定冲击电压 Impulse withstand voltage [KV]	4.0	4.0	4.0
导线截面积 Conductor cross section 硬质/柔性导线 Solid/ flexible [mm²]	0.5-1.5		
一般参数 Other Data			
间距 Pitch /极数 Poles [mm] / [P]	5.08/02-24		
剥线长度 Stripping Length [mm]	5-6		
螺丝Screw/扭矩Torque(Max)[N.m]	M2.5/0.4		
工作温度 Operating temperature [°C]	-40~105		
焊锡温度 Soldering temperature	260℃/5S		
符合RoHS环保要求			

Poles	PART NO.	Dimension mm	
		A	B
2	G-DT12702P-L500	10.16	5.08
3	G-DT12703P-L500	15.24	10.16
4	G-DT12704P-L500	20.32	15.24
5	G-DT12705P-L500	25.40	20.32
6	G-DT12706P-L500	30.48	25.40
7	G-DT12707P-L500	35.56	30.48
8	G-DT12708P-L500	40.64	35.56
...			
24	G-DT12724P-L500	121.92	116.84

ITEM	NAME OF PART	MATERIAL	NOTES
4	Header Pin	Copper Alloy	Sn Plated
3	Screw	Steel	M2.5/Zn Plated
2	Cage	Copper Alloy	M2.5/Ni Plated
1	Housing	PA66	UL94V-0

TOLERANCE TABLE	
.0	±0.30
.00	±0.20
.000	±0.05

APPROVED:	DATE:	深圳市灿科盟实业有限公司 CHANKEMENG INDUSTRYCO.,LTD
CHECKED:	DATE:	TITLE: 绿色端子台 DT127-5.08-XP 直插 螺钉式
DRAWN: YKX	DATE: 2026-5-22	PART.NO. G-DT127XXP-L500 UNIT mm SCALE free FILE NO. Ckmtw-DT508-0024 REV. A WJ00