

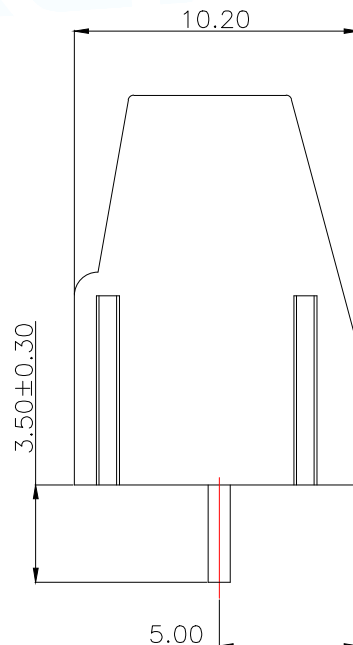
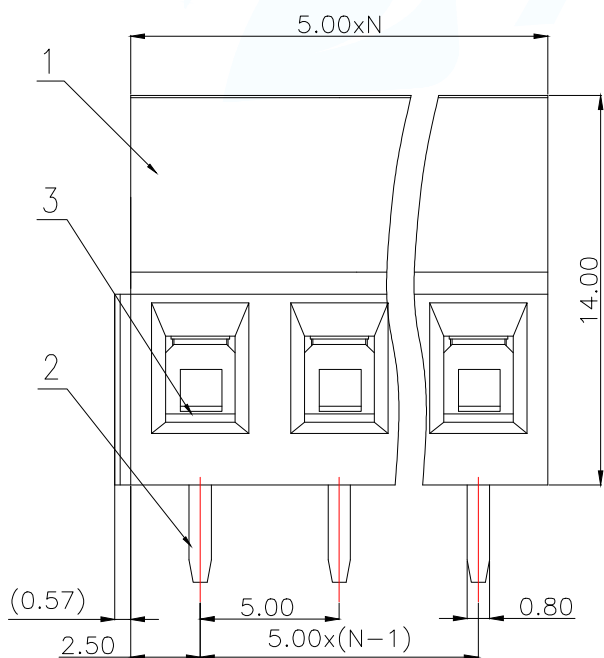
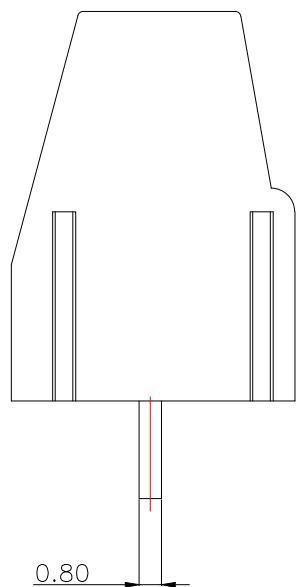
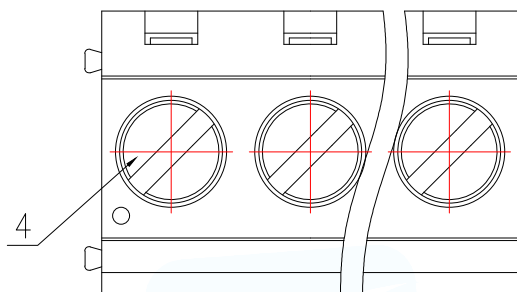
ROHS Compliant

General tolerances(mm)

0 ~ 3	>3 ~ 6	>6 ~ 10	>10 ~ 18	>18 ~ 30	>30 ~ 50	>50 ~ 80	>80 ~ 120	>120 ~ 180	>180 ~ 250	>250 ~ 315	>315 ~ 400	>400 ~ 500	>500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50

0.1/10

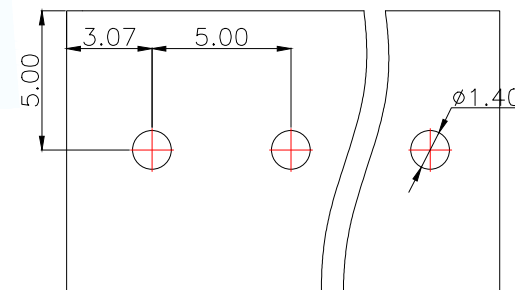
±2°



MAPX	MODIFICATION	DATE	DRAW	APPROVE

UL Standard	B	C	D
Rated Voltage(V)/Current(A)	300/20	/	300/10
IEC Standard			
Overvoltage Category/Pollution Degree	III/3	III/2	II/2
Rated Voltage(V)/Current(A)	/	250/18	/
Withstanding Voltage(V/1min)	/	AC2000	/
Torque Tightening(N·m/Lb.in)	M3, 0.5/4.43		
Wire Range(rigid and flexible)(mm²/AWG)	1.0~2.5/30~12		
Pitch(mm)/Poles	5.0/N=02~24P		
Stripping length(mm)	6~7		
Operating temperature(°C)	-40~+105		
Conform to RoHS	Yes		

PCB LAYOUT



4	Screws	Steel	M3/Zn Plated
3	Cage	Copper Alloy	M3/Ni Plated
2	Pin Header	Copper Alloy	Sn Plated
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES
MANUFACTURE DWG		东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co.,Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES		TITLE: DG128-5.0-C87	
DECIMALS:		PAR	DGL500-NP28V-MG361
ANGLES:		DWN	
		CHKD	
		APVD	
		SCALE N:A	UNIT:MM
		SIZE:A4	SHEET:1F1
		CUSTOMER COPY	REV:A