

未注公差/General tolerances(mm)														
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	>500	0.1/10 ±2'
~3	~6	~10	~18	~30	~50	~80	~120	~180	~250	~315	~400	~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	

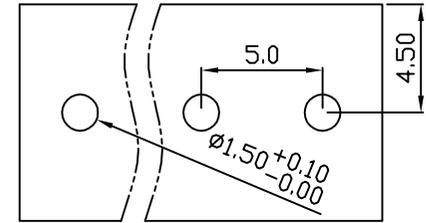
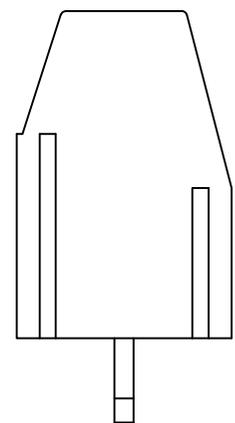
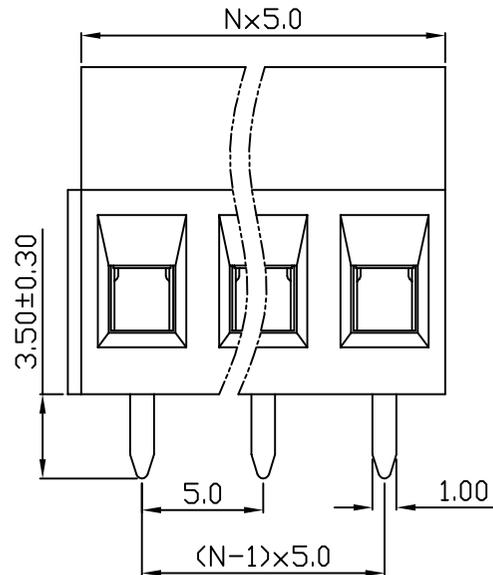
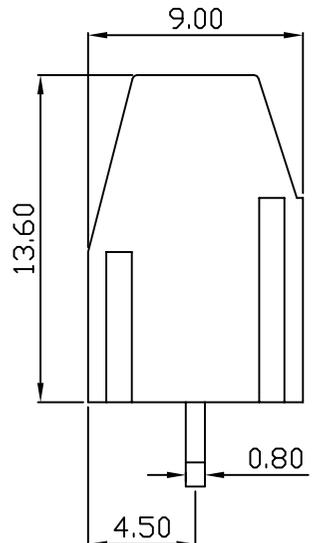
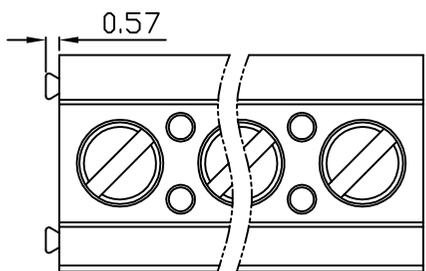
REV	ECN	DESCRIPTION	DRFT	DATE

A

B

C

D



PCB Layout

DB125 — 5.0 — XXP — C — S/P
 (Series No.) (Pitch) (Poles) Slotted/Phillips

(Color):GN:(Green), BK:(Black), BU:(Blue), RD:(Red), GY:(Gray)
 OG:(Orange), WT:(White), YL:(Yellow), CR:(Clear)

UL 标准/UL Standard:	B	C	D
额定电压/电流/Rated Voltage(V)/Current(A)	300/16	/	300/10
IEC 标准/IEC Standard:			
过压类别/Overvoltage Category/ 污染等级/Pollution Degree	III/3	III/2	II/3
额定电压/电流/Rated Voltage(V)/Current(A)	250/10	400/10	630/10
额定脉冲电压(KV)/Rate Impulse Voltage(KV)	4.0	4.0	4.0
螺丝扭矩/Torque Tightening(N·m/Lb.in)	M2.5 0.4N.m/3.54Lb.in		
线径范围(硬线和软线)/Wire Range(rigid and flexible)(mm ² /AWG)	2.5/22-12		
间距/Pitch(mm)/线数范围/Poles	5.0/(02-24)		
剥线长度/Stripping length(mm)	/		
使用温度范围/Operating temperature(°C)	-40~+105		
符合RoHS环保要求/Conform to RoHS	Yes		

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

MAT NO.:	/	宁波地博电气有限公司 NINGBO DORABO ELECTRICAL CO., LTD	
STATUS:	/		
APPD: JTING Chen 2026.02.06	NAME:	DB125-5.0-XXP-C-S	
CHKD: Duck Mao 2026.02.06	DRAWING NO.:	/	
DRFT: Steven Lu 2026.02.06	REV	M1	
SIZE: A4	TYPE: CUSTOMER_DRAWING	SCALE: 1:1	SHEET 1/1