

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

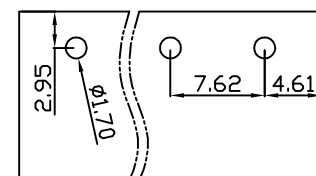
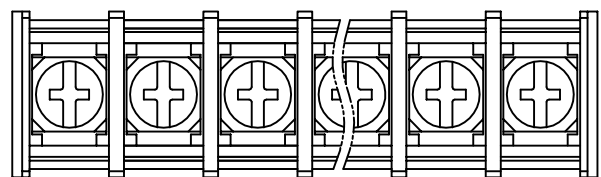
D

A

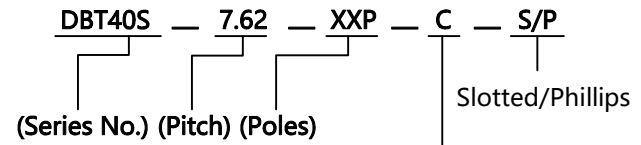
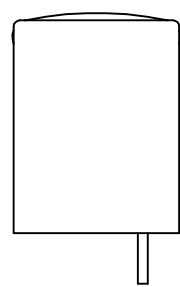
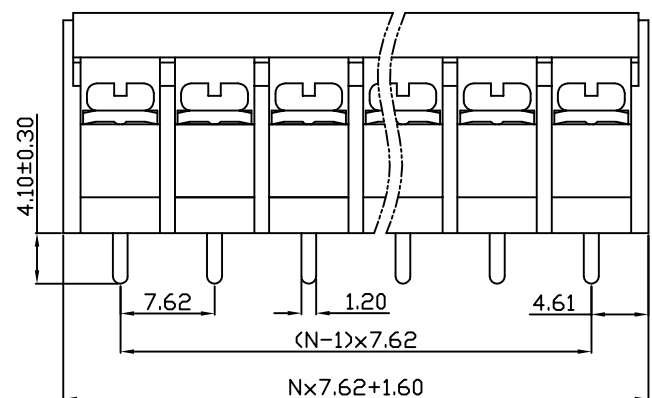
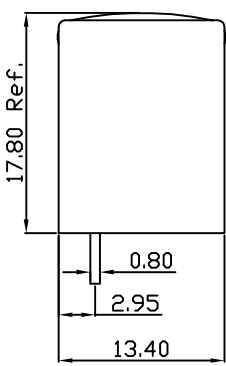
B

C

D



PCB Layout



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

UL 标准/UL Standard:	
额定电压/电流/Rated Voltage(V)/Current(A)	300/15
IEC 标准/IEC Standard:	
额定电压/电流/Rated Voltage(V)/Current(A)	400/24
额定脉冲电压(KV)/Rate Impulse Voltage(KV)	2.5
螺丝扭矩/Torque Tightening(N·m/Lb.in)	0.5/4.43
线径范围(硬线和软线)/Wire Range(rigid and flexible)(mm ² /AWG)	2.5/22~14
间距/Pitch(mm)/线数范围/Poles	7.62/02~24
使用温度范围/Operating temperature(°C)	-40~+105
符合RoHS环保要求/Conform to RoHS	Yes

Screw	M3 Steel	Ni Plated
Pin header	Copper alloy	Sn Plated
Housing	PA66	UL94V-0
NAME OF PART	MATERIAL	NOTES

MAT NO.:	/	宁波地博电气有限公司 NINGBO DORABO ELECTRICAL CO., LTD	
STATUS:	/		
APPD: J.Ting Chen 2025.07.23	NAME:	DBT40S-7.62-XXP-C-P	
CHKD: Duck Mao 2025.07.23	DRAWING NO.:	/	
DRFT: Steven Lu 2025.07.23	REV	M1	
SIZE: A4	TYPE: CUSTOMER_DRAWING	SCALE: 1:1	SHEET 1/1