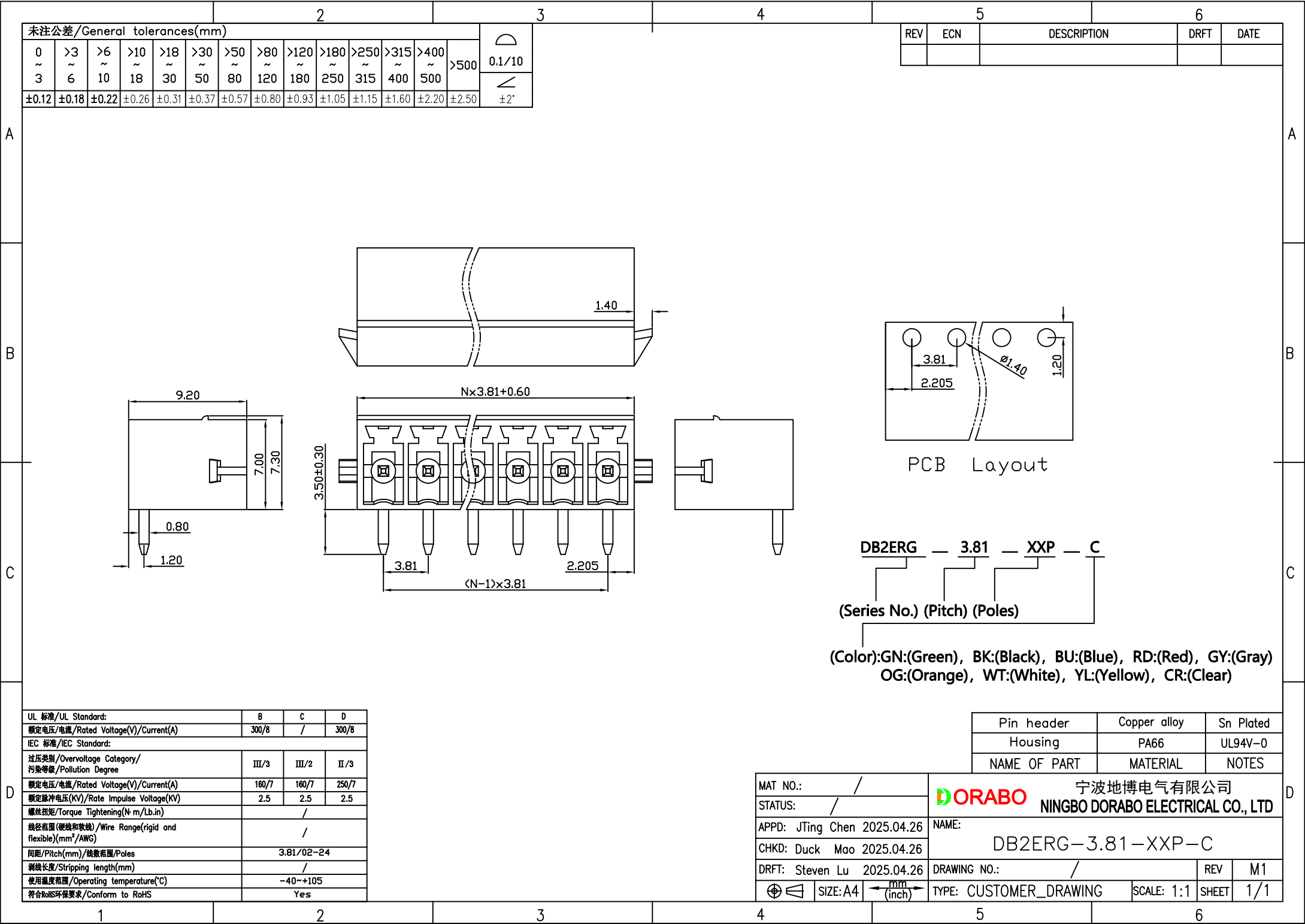
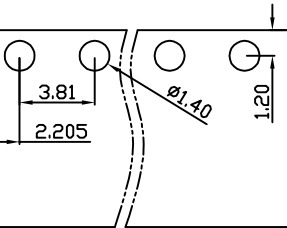




未注公差/General tolerances(mm)

0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	>500	0.1/10
~3	~6	~10	~18	~30	~50	~80	~120	~180	~250	~315	~400	~500		±2°
±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



PCB Layout

DB2ERG — 3.81 — XXP — C
(Series No.) (Pitch) (Poles)

(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)	300/8	/	300/8
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)	160/7	160/7	250/7
额定脉冲电压(KV)/Rate Impulse Voltage(KV)	2.5	2.5	2.5
螺丝扭矩/Torque Tightening(N·m/Lb.in)	/		
线径范围(硬线和软线)/Wire Range(rigid and flexible)(mm ² /AWG)	/		
间距/Pitch(mm)/线数范围/Poles	3.81/02~24		
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		

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

MAT NO.:	/	DORABO 宁波地博电气有限公司 NINGBO DORABO ELECTRICAL CO., LTD		
STATUS:	/			
APPD: JTING Chen	2025.04.26	NAME: DB2ERG-3.81-XXP-C		
CHKD: Duck Mao	2025.04.26			
DRFT: Steven Lu	2025.04.26	DRAWING NO.:		REV M1
SIZE: A4	mm (inch)	TYPE: CUSTOMER_DRAWING		SCALE: 1:1 SHEET 1/1