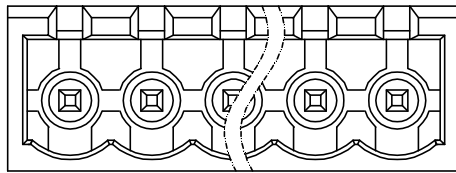
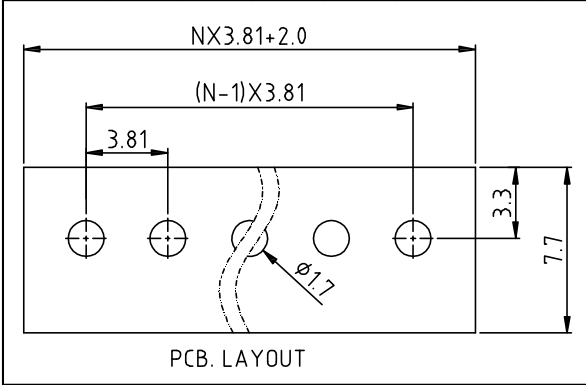
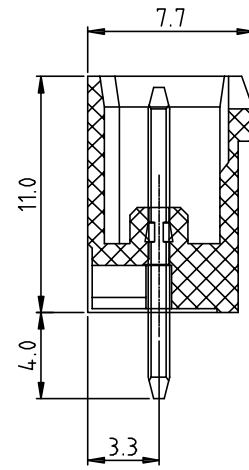
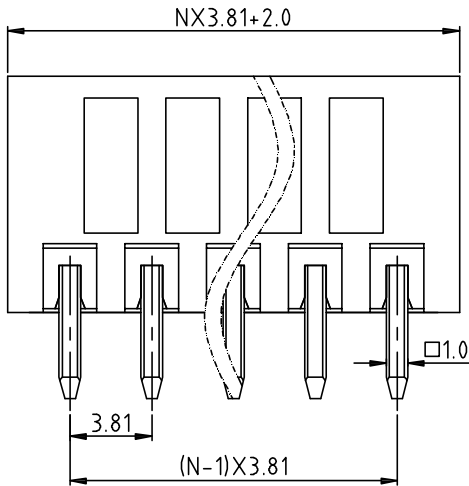


linear dimension(Tolerances Standard GB/T 14486-2008)								— ▯ ⊥		
variable range	to 6	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	over 160 to	to 10	over 10 to 100	over 100 to
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60



N=Number of contacts



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]	12	-	10
接线范围 单/多芯线	Wire Range Solid/Stranded [AWG]	-		
耐电压	Withstanding Voltage	2500V/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]	160	160	250
额定电流	Rated Current [A]	10	10	12
额定冲击电压	Impulse withstand voltagea [KV]	2.5	2.5	2.5
导线截面积 硬质/柔性导线	Conductor cross section Solid/ flexible [mm²]	-		
材料 Material				
绝缘材料	Insulation Material	PA66		
阻燃等级	Imflamability	UL94V-0		
导体材料	Contact Material	铜合金 Copper alloy		
导体表面镀层	Contactive Coating	镀锡 Sn Plated		
一般参数 Other Data				
间距	Pitch [mm]	3.81		
极数	Poles [P]	02-24		
剥线长度	Stripping Length [mm]	-		
螺丝	Screw/ 扭矩 Torque(Max) [N.m]	-		
工作温度	Operating temperatur [°C]	-40~+105		
引针尺寸	Pin Dimensions [mm]	-		
PCB板孔径	PCB Hole Diameter [mm]	1.70		

DB1EVC — 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)

APPD: JTING Chen 2022.11.23  
 CHKD: Duck Mao 2022.11.23  
 DRFT: Steven Lu 2022.11.23

**DORABO** 宁波地博电气有限公司  
 Ningbo Dorabo Electric CO., Ltd

NAME: DB1EVC-3.81-XXP-C

⊕ ◁	SIZE: A4	mm (inch)	REV	T0-1
TYPE: CUSTOMER_DRAWING	SCALE: 1:1	SHEET	1/1	