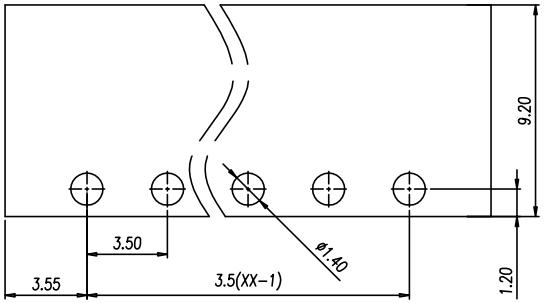
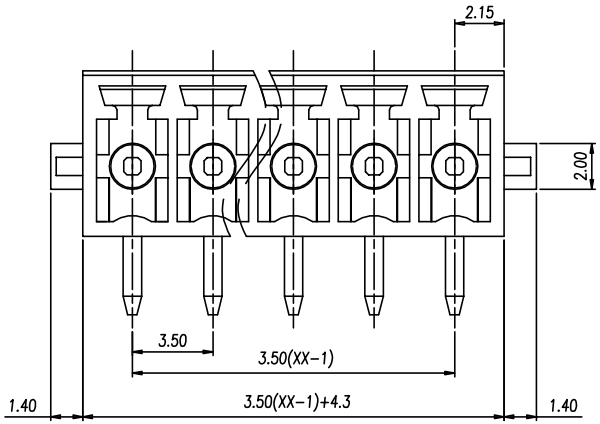
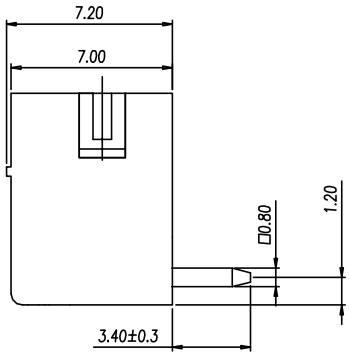
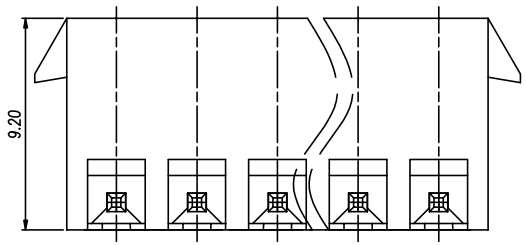
linear dimension(Tolerances Standard GB/T 14486-2008)								—	▱	⊥	
variable range	to 6	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	over 160 to	to 10	over 10 to 100	over 100 to
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60



PCB LAYOUT







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]	8	-	8
接线范围 Wire Range 单/多芯线 Solid/Stranded	[AWG]	-		
耐电压 Withstanding Voltage		1600V/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]	7	7	7
额定冲击电压 Impulse withstand voltagea	[KV]	2.5	2.5	2.5
导线截面积 Conductor cross section 硬质/柔性导线 Solid/ flexible	[mm²]	-		
材 料 Material				
绝缘材料 Insulation Material		PA66		
阻燃等级 Imflammability		UL94V-0		
导体材料 Contactor 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]	3.5		
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]	1.40		

DB2ERG — 3.5 — 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	DORABO	宁波地博电气有限公司 Ningbo Dorabo Electric CO., Ltd			
CHKD: Duck Mao 2022.11.23	NAME: DB2ERG-3.5-XXP-C				
DRFT: Steven Lu 2022.11.23	SIZE: A4	mm (inch)	REV	T0-1	
	TYPE: CUSTOMER_DRAWING	SCALE: 1:1	SHEET	1/1	