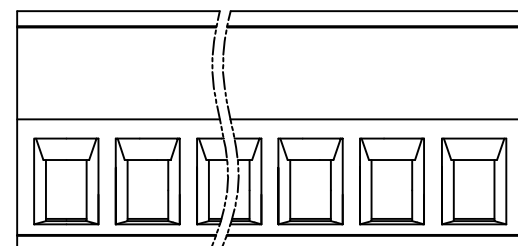
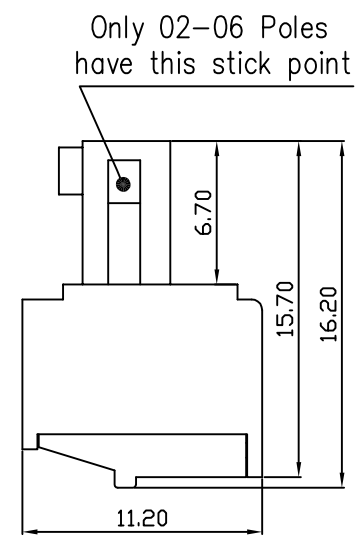
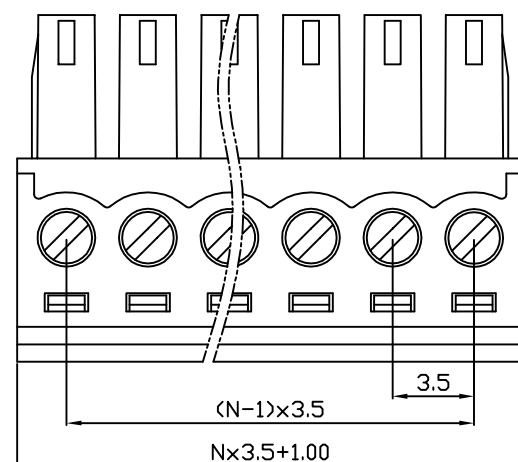
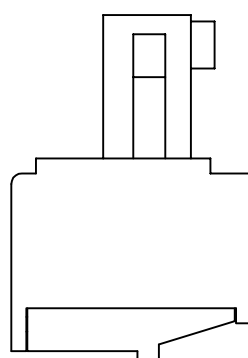


linear dimension(Tolerances Standard GB/T 14486-2008)								—	$\nabla$	$\perp$
variable range	to 6	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	over 160 to	to 10	over 10 to 100	over 100 to
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60



**DB2EK** — **3.5** — **XXP** — **C** — **S/P**  
 (Series No.) (Pitch) (Poles) Slotted/Phillips  
 (Color) : 1.(Green) 2.(Black) 3.(Blue) 4.(Clear) 5.(Gray)  
 6.(Orange) 7.(Red) 8.(White) 9.(Yellow)

APPD: J Ting Chen 2022.8.6  
 CHKD: Duck Mao 2022.8.6  
 DRFT: Steven Lu 2022.8.6

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	28-16		
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	320
额定电流 Rated Current [A]	8	8	8
额定冲击电压 Impulse withstand voltagea [KV]	2.5	2.5	2.5
导线截面积 Conductor cross section	1.5		
硬质/柔性导线 Solid/ flexible [mm <sup>2</sup> ]			
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	镀镍 Ni 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]	6-7		
螺丝 Screw/扭矩 Torque(Max) [N.m]	M2/0.2		
工作温度 Operating temperatur [°C]	-40~+105		
引针尺寸 Pin Dimensions [mm]	-		
PCB板孔径 PCB Hole Diameter [mm]	-		

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

NAME: DB2EK-3.5-XXP-C-S

$\oplus$ $\triangleleft$	SIZE: A4	$\leftarrow$ mm (inch) $\rightarrow$	REV	T0-1
TYPE: CUSTOMER_DRAWING	SCALE: 1:1	SHEET	1/1	

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