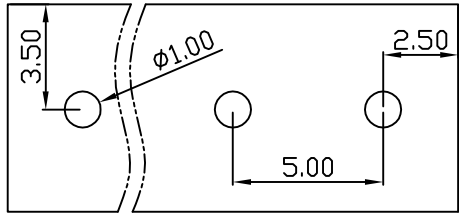
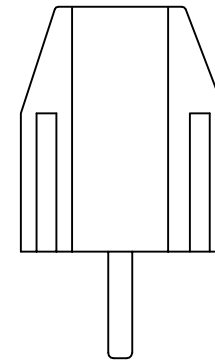
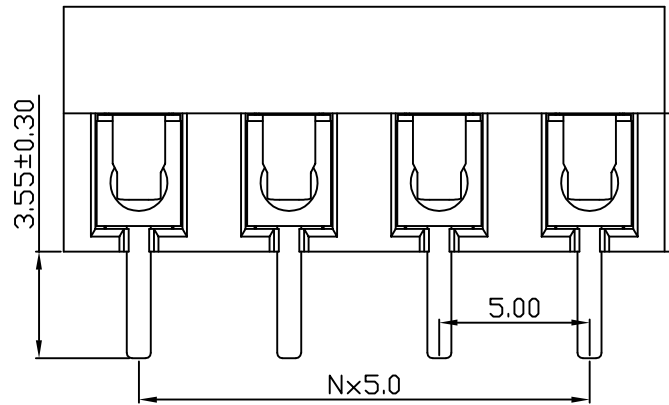
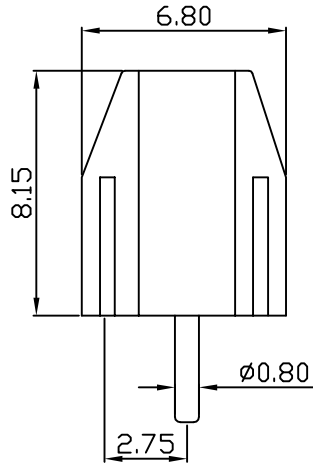
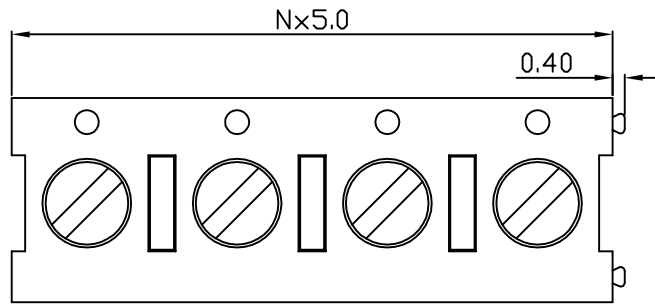


| linear dimension(Tolerances Standard GB/T 14486-2008) | | | | | | | | — | ∇ | \perp |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|-------------|
| variable range | 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 |



PCB Layout



DB311V — 5.0 — XXP — C — S/P
 (Series No.) (Pitch) (Poles) Slotted/Phillips

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

APPD: J Ting Chen 2023.10.24
 CHKD: Duck Mao 2023.10.24
 DRFT: Steven Lu 2023.10.24

| 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 | - | - |
| 额定电流 Rated Current [A] | 7 | - | - |
| 接线范围 Wire Range | 24-18 | | |
| 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 | 250 | 400 |
| 额定电流 Rated Current [A] | 10 | 10 | 10 |
| 额定冲击电压 Impulse withstand voltagea [KV] | 2.5 | 2.5 | 2.5 |
| 导线截面积 Conductor cross section | 1.0 | | |
| 硬质/柔性导线 Solid/flexible [mm ²] | | | |
| 材料 Material | | | |
| 绝缘材料 Insulation Material | PA66 | | |
| 阻燃等级 Inflammability | 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] | 5.0 | | |
| 极数 Poles [P] | 02-24 | | |
| 剥线长度 Stripping Length [mm] | 4-5 | | |
| 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] | ∅0.80 | | |
| PCB板孔径 PCB Hole Diameter [mm] | 1.00 | | |

DORABO

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

NAME:

DB311V-5.0-XXP-C-S



SIZE: A4

mm (inch)

REV T0-1

TYPE: CUSTOMER_DRAWING

SCALE: 1:1

SHEET 1/1