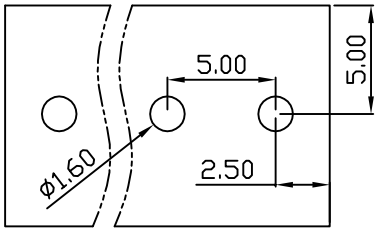
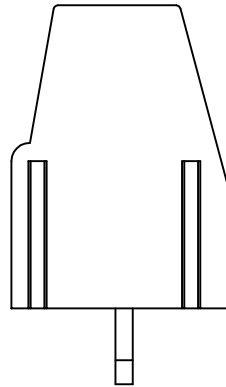
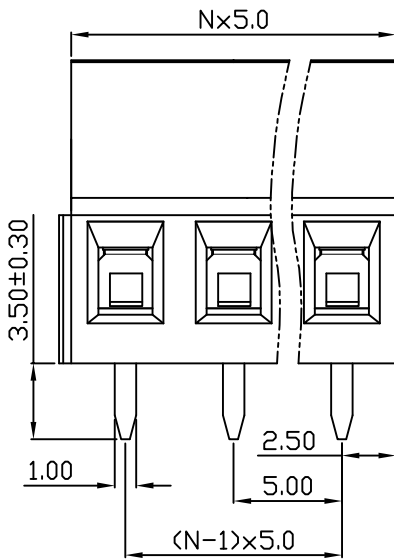
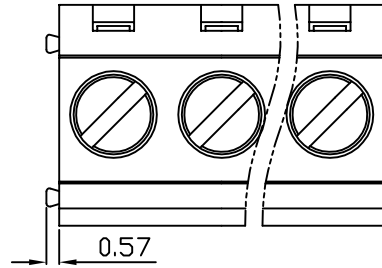
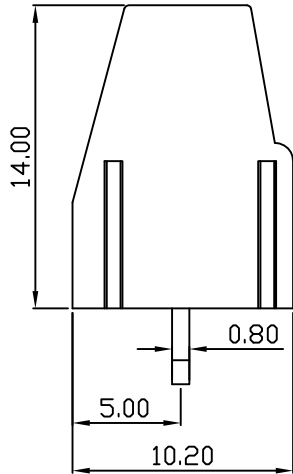


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |             | —     |                |             |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|--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



DB128V — 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: JTing Chen | 2022.10.27 |
| CHKD: Duck Mao   | 2022.10.27 |
| DRFT: Steven Lu  | 2022.10.27 |

|                        |          |                                               |       |      |  |
|------------------------|----------|-----------------------------------------------|-------|------|--|
| <b>DORABO</b>          |          | 宁波地博电气有限公司<br>Ningbo Dorabo Electric CO., Ltd |       |      |  |
| NAME:                  |          | DB128V-5.0-XXP-C-S                            |       |      |  |
|                        | SIZE: A4 |                                               | REV   | T0-1 |  |
| TYPE: CUSTOMER_DRAWING |          | SCALE: 1:1                                    | SHEET | 1/1  |  |

|                       |                                 |                                                                                    |     |     |
|-----------------------|---------------------------------|------------------------------------------------------------------------------------|-----|-----|
| 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]               | 16                                                                                 | -   | 10  |
| 接线范围                  | Wire Range                      | 22-12                                                                              |     |     |
| 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]               | 250                                                                                | 400 | 630 |
| 额定电流                  | Rated Current [A]               | 24                                                                                 | 24  | 24  |
| 额定冲击电压                | Impulse withstand voltagea [KV] | 4                                                                                  | 4   | 4   |
| 导线截面积                 | Conductor cross section         | 2.5                                                                                |     |     |
| 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                  | Contactora 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]           | 6-7                                                                                |     |     |
| 螺丝                    | Screw/扭矩 Torque(Max) [N.m]      | M2.5/0.4                                                                           |     |     |
| 工作温度                  | Operating temperatur [°C]       | -40~+105                                                                           |     |     |
| 引针尺寸                  | Pin Dimensions [mm]             | 0.80x1.00                                                                          |     |     |
| PCB板孔径                | PCB Hole Diameter [mm]          | 1.60                                                                               |     |     |