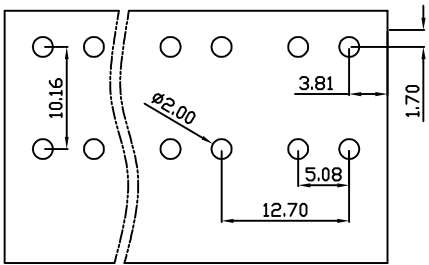
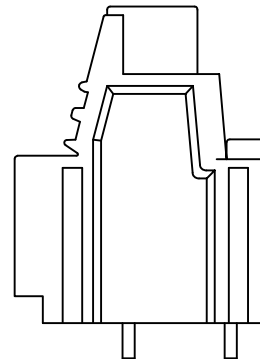
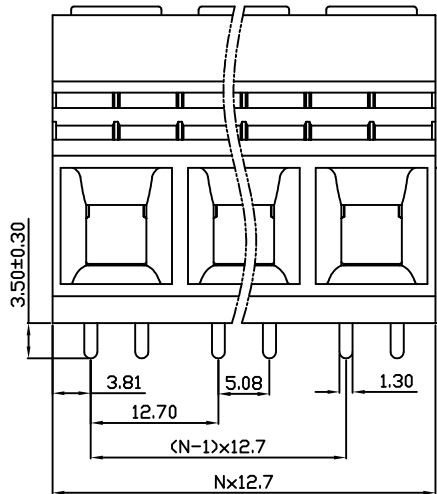
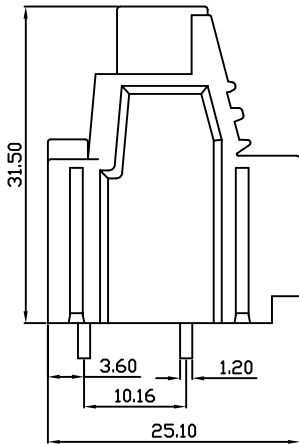
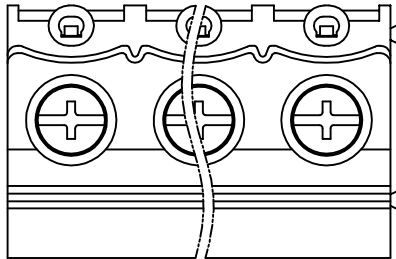


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |             | —     |  |  |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|-------------------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



DB116B — 12.7 — 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)

| UL/CUL 技术参数<br>UL/CUL Technical Data |                                    |   |      |      |
|--------------------------------------|------------------------------------|-------------------------------------------------------------------------------------|------|------|
| 等 级                                  | Use Group                          | B                                                                                   | C    | D    |
| 额定电压                                 | Rated Voltage [V]                  | 600                                                                                 | -    | 600  |
| 额定电流                                 | Rated Current [A]                  | 65                                                                                  | -    | 5    |
| 接线范围                                 | Wire Range                         | 20-6                                                                                |      |      |
| 单/多芯线                                | Solid/Stranded [AWG]               |                                                                                     |      |      |
| 耐电压                                  | Withstanding Voltage               | 2200V/1Min                                                                          |      |      |
| IEC 技术参数<br>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]                  | 1000                                                                                | 1000 | 1000 |
| 额定电流                                 | Rated Current [A]                  | 57                                                                                  | 57   | 57   |
| 额定冲击电压                               | Impulse withstand voltagea [KV]    | 8                                                                                   | 8    | 8    |
| 导线截面积                                | Conductor cross section            | 16                                                                                  |      |      |
| 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                                 | 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]                               | 12.7                                                                                |      |      |
| 极数 Poles                             | [P]                                | 02-24                                                                               |      |      |
| 剥线长度                                 | Stripping Length [mm]              | 11-12                                                                               |      |      |
| 螺丝 Screw/ 扭矩 Torque(Max)             | [N.m]                              | M4/1.2                                                                              |      |      |
| 工作温度                                 | Operating temperatur [°C]          | -40→+105                                                                            |      |      |
| 引针尺寸                                 | Pin Dimensions [mm]                | 1.20x1.30                                                                           |      |      |
| PCB板孔径                               | PCB Hole Diameter [mm]             | 2.00                                                                                |      |      |

**DORABO**

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

NAME:

DB116B-12.7-XXP-C-P



SIZE: A4

mm  
(inch)

REV

T0-1

TYPE: CUSTOMER\_DRAWING

SCALE: 1:1

SHEET

1/1

APPD: JTING Chen 2023.01.02

CHKD: Duck Mao 2023.01.02

DRFT: Steven Lu 2023.01.02