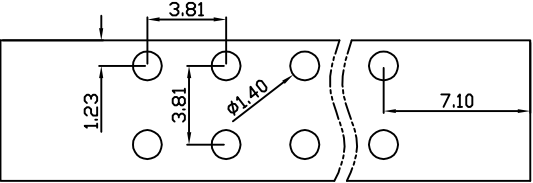
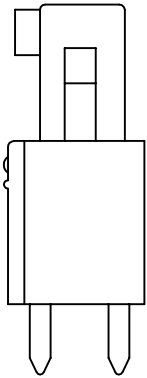
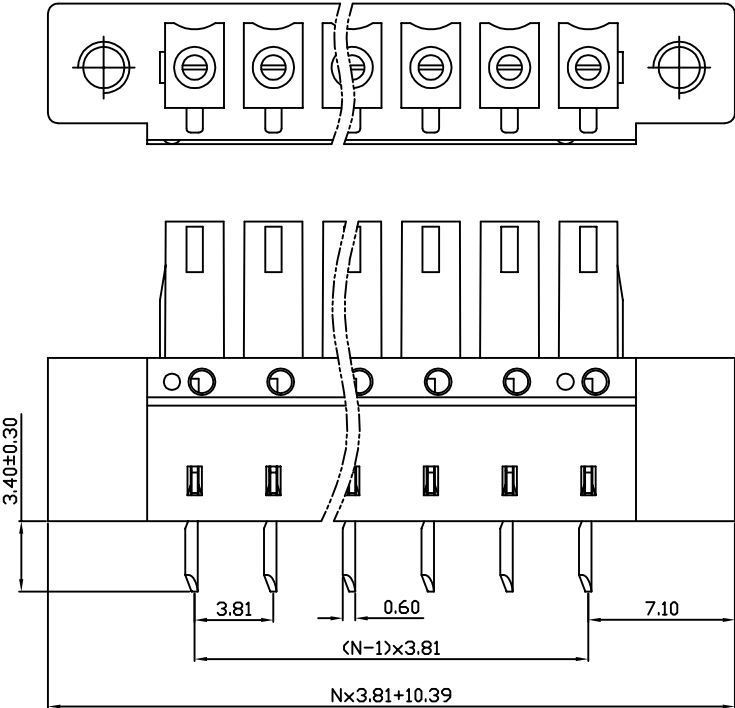
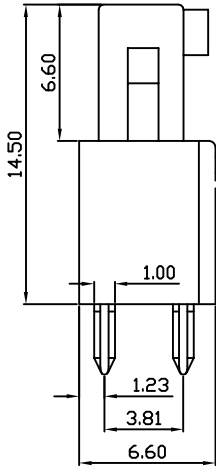


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |             | —     |                |             |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|--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



DB2EBM — 3.81 — 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 |
| CHKD: | Duck Mao   | 2022.11.23 |
| DRFT: | Steven Lu  | 2022.11.23 |

|                        |          |                                               |       |      |
|------------------------|----------|-----------------------------------------------|-------|------|
| <b>DORABO</b>          |          | 宁波地博电气有限公司<br>Ningbo Dorabo Electric CO., Ltd |       |      |
| NAME:                  |          | DB2EBM-3.81-XXP-C                             |       |      |
|                        | SIZE: A4 |                                               | REV   | T0-1 |
| TYPE: CUSTOMER_DRAWING |          | SCALE: 1:1                                    | SHEET | 1/1  |

| 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]               | 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<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]               | 160                                                                                 | 160 | 250 |
| 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         | -                                                                                   |     |     |
| 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                                 | 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]                            | 3.81                                                                                |     |     |
| 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]                            | 0.60x1.0                                                                            |     |     |
| PCB板孔径 PCB Hole Diameter             | [mm]                            | 1.40                                                                                |     |     |