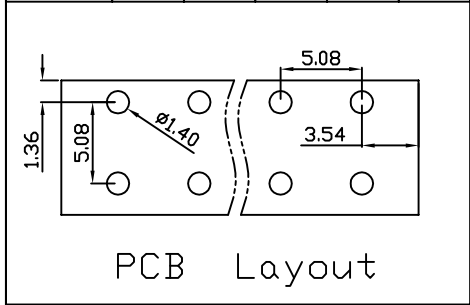
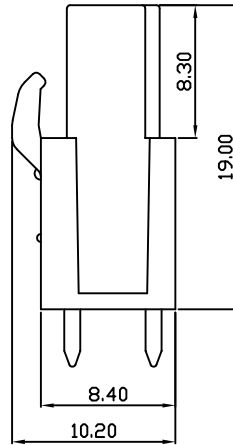
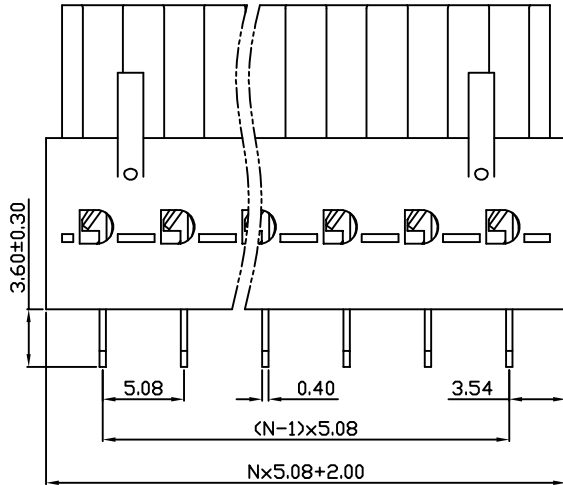
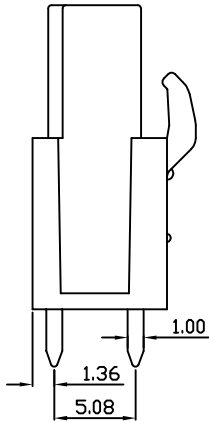
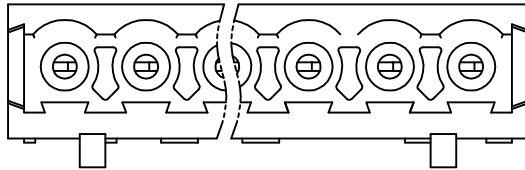


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |             | —     |  |  |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|-------------------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

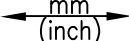


PCB Layout



DB2EB — 5.08 — 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:                                                                                 |          | DB2EB-5.08-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]                                        | 15                                                                                  | -   | 10  |
| 接线范围 Wire Range<br>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]                                        | 320                                                                                 | 320 | 630 |
| 额定电流 Rated Current [A]                                        | 12                                                                                  | 12  | 12  |
| 额定冲击电压<br>Impulse withstand voltagea [KV]                     | 4                                                                                   | 4   | 4   |
| 导线截面积 Conductor cross section<br>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 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]                                                 | 5.08                                                                                |     |     |
| 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]                                      | 0.4x1.0                                                                             |     |     |
| PCB板孔径 PCB Hole Diameter [mm]                                 | 1.40                                                                                |     |     |