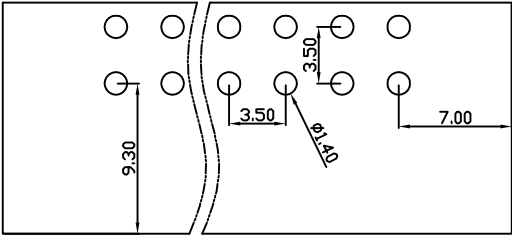
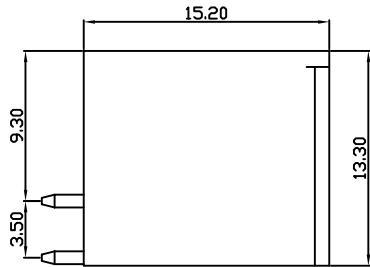
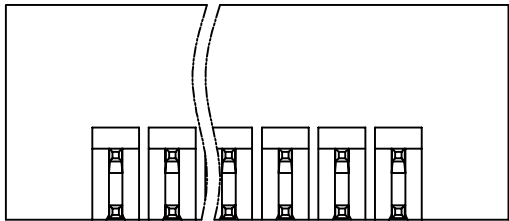
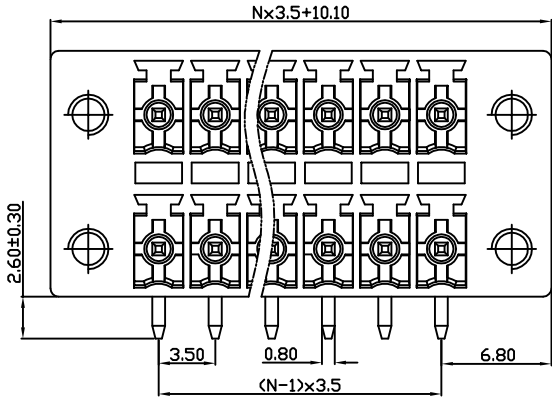


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |             | —     |                |             |
|-------------------------------------------------------|-------|--------------|---------------|---------------|----------------|-----------------|-------------|--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



| 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]               | 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           |                                 |                       |     |     |  |  |  |
| 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 | 320 |                                                                                     |  |  |
| 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                |                                 |                       |     |     |                                                                                     |  |  |
| 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]                      | 3.5                   |     |     |                                                                                     |  |  |
| 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]             | 0.80x0.80             |     |     |                                                                                     |  |  |
| PCB板孔径             | PCB Hole Diameter [mm]          | 1.40                  |     |     |                                                                                     |  |  |

DB2ERHBM — 3.5 — 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 | 2024.03.04 |
| CHKD: | Duck Mao   | 2024.03.04 |
| DRFT: | Steven Lu  | 2024.03.04 |

| DORABO 宁波地博电气有限公司<br>Ningbo Dorabo Electric CO., Ltd |          |            |       |      |
|------------------------------------------------------|----------|------------|-------|------|
| NAME: DB2ERHBM-3.5-XXP-C                             |          |            |       |      |
|                                                      | SIZE: A4 |            | REV   | T0-1 |
| TYPE: CUSTOMER_DRAWING                               |          | SCALE: 1:1 | SHEET | 1/1  |

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