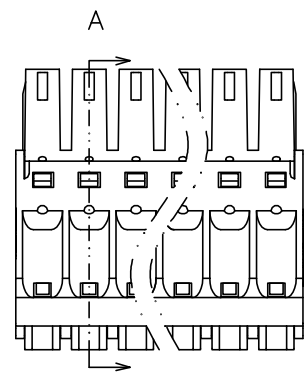
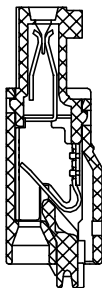
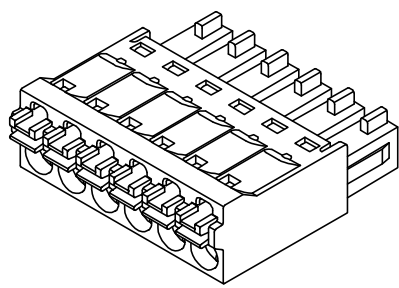
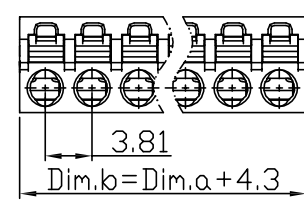
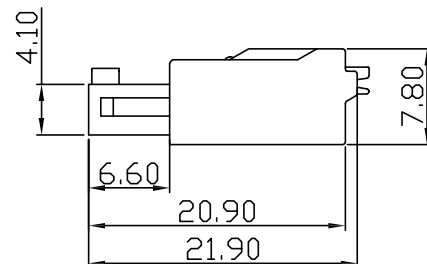
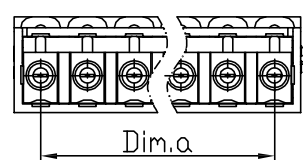
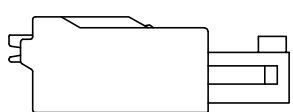


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |              |               |               |                |                 |             | —     |                |             |
|---|-------|--------------|---------------|---------------|----------------|-----------------|-------------|-------|----------------|-------------|
| variable range  | to 6  | 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        |



SECTION A-A



| UL/CUL 技术参数                            |                    |     |     |
|--|--------------------|-----|-----|
| UL/CUL Technical Data                  |                    |     |     |
| 等级 Use Group                           | B                  | C   | D   |
| 额定电压 Rated Voltage [V]                 | 150                | -   | 150 |
| 额定电流 Rated Current [A]                 | 8                  | -   | 8   |
| 接线范围 Wire Range                        | 24-16              |     |     |
| 单/多芯线 Solid/Stranded [AWG]             |                    |     |     |
| 耐电压 Withstanding Voltage               | -                  |     |     |
| 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 | 160 |
| 额定电流 Rated Current [A]                 | 8                  | 8   | 18  |
| 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 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]                          | 3.81               |     |     |
| 极数 Poles [P]                           | 02-24              |     |     |
| 剥线长度 Stripping Length [mm]             | 10                 |     |     |
| 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]               | -                  |     |     |
| PCB板孔径 PCB Hole Diameter [mm]          | -                  |     |     |

DB2EKN — 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 2022.4.6  
CHKD: Duck Mao 2022.4.6  
DRFT: Steven Lu 2022.4.6

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

NAME: DB2EKN-3.81-XXP-C

TYPE: CUSTOMER\_DRAWING

SIZE: A4

SCALE: 1:1

REV: T0-1

SHEET: 1/1

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[25.320.4753.1](#) [25.320.5453.1](#) [25.340.0353.1](#) [25.340.1053.1](#) [25.345.3553.0M001](#) [25.640.3553.1](#) [SH02-5,08](#) [SH06-3,81](#) [SH08-5,08](#) [SH08-](#)  
[5,08-K](#) [SH12-5,08](#) [SHS04-5,00](#) [30.303](#) [30.305](#) [30.306](#) [PHP09-5,08](#) [25.193.0453.0](#) [25.320.4653.1](#) [25.332.2453.1](#)