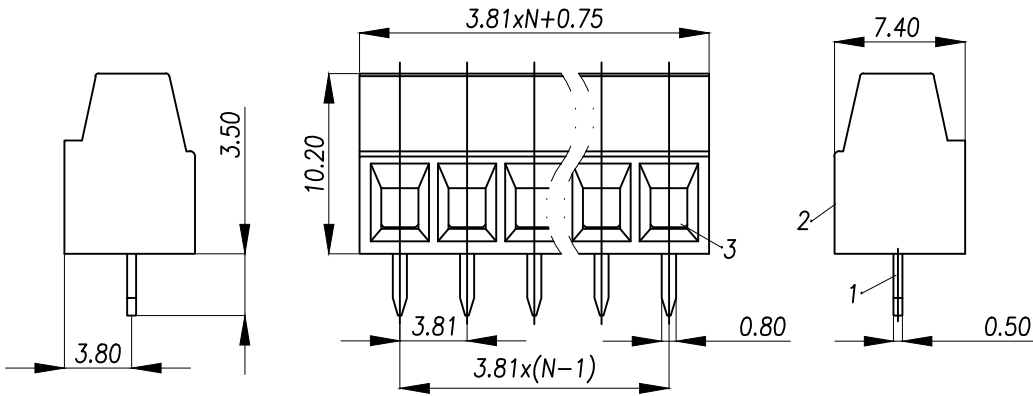
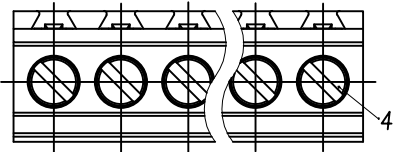
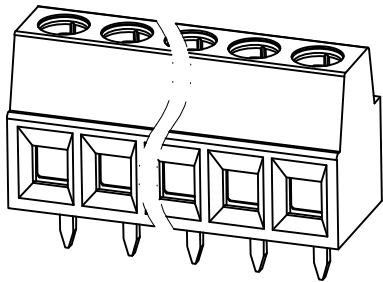
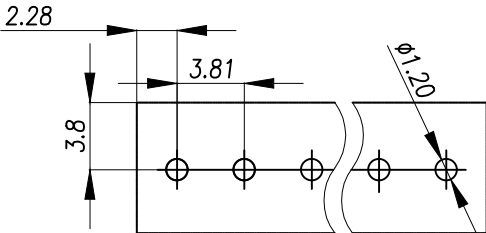


| General tolerances(mm) |              |               |                |                |                |                |                 |                  |                  |                  |                  |                  |       | 0.1/10 |
|------------------------|--------------|---------------|----------------|----------------|----------------|----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-------|--------|
| 0<br>~<br>3            | >3<br>~<br>6 | >6<br>~<br>10 | >10<br>~<br>18 | >18<br>~<br>30 | >30<br>~<br>50 | >50<br>~<br>80 | >80<br>~<br>120 | >120<br>~<br>180 | >180<br>~<br>250 | >250<br>~<br>315 | >315<br>~<br>400 | >400<br>~<br>500 | >500  |        |
| ±0.12                  | ±0.18        | ±0.22         | ±0.26          | ±0.31          | ±0.37          | ±0.57          | ±0.80           | ±0.93            | ±1.05            | ±1.15            | ±1.60            | ±2.20            | ±2.50 | ±2'    |



| UL Standard                                          | B             | C      | D      |
|------------------------------------------------------|---------------|--------|--------|
| Rated Voltage(V)/Current(A)                          | 300/12        | /      | 300/10 |
| IEC Standard                                         |               |        |        |
| Overvoltage Category/Pollution Degree                | Ⅲ/3           | Ⅲ/2    | Ⅱ/2    |
| Rated Voltage(V)/Current(A)                          | 250/16        | 320/16 | 500/16 |
| Rate Impulse Voltage(KV)                             | 2.5           | 2.5    | 2.5    |
| Torque Tightening(N·m/Lb.in)                         | M2, 0.2/2.0   |        |        |
| Wire Range(rigid and flexible)(mm <sup>2</sup> /AWG) | 20~14/0.2~1.5 |        |        |
| Pitch(mm)/Poles                                      | 3.81/N=02~24P |        |        |
| Stripping length(mm)                                 | 5~6           |        |        |
| Operating temperature(°C)                            | -40~+105      |        |        |
| Conform to RoHS                                      | Yes           |        |        |

PCB LAYOUT



|      |              |              |              |
|------|--------------|--------------|--------------|
| 4    | Screw        | Steel        | M2/Zn plated |
| 3    | Cage         | Copper Alloy | M3/Ni Plated |
| 2    | Housing      | PA66         | UL94V-0      |
| 1    | Pin header   | Copper alloy | Sn plated    |
| ITEM | NAME OF PART | MATERIAL     | NOTES        |

| 制图<br>DRAWN | 变更内容<br>DESCRIPTION | 日期<br>DATE | GENERAL TOLERANCE |  | 制图<br>DRAWING | Yu       |             |     | 料号<br>PART NO.                                                                                    | BX-DG28L-3.81-NP |                  | 版本<br>REV. | A |             |     |                                                                                       |
|-------------|---------------------|------------|-------------------|--|---------------|----------|-------------|-----|---------------------------------------------------------------------------------------------------|------------------|------------------|------------|---|-------------|-----|---------------------------------------------------------------------------------------|
|             |                     |            |                   |  |               | HUANG    |             |     |                                                                                                   | 品名<br>TITLE      | DG380-3.81       |            |   | 页次<br>SHEET | 1/1 |                                                                                       |
|             |                     |            |                   |  |               | CHECK    |             |     |                                                                                                   |                  |                  |            |   |             |     |                                                                                       |
|             |                     |            |                   |  |               | APPROVAL |             |     |                                                                                                   |                  | 客户料号<br>CUTM.NO. |            |   |             |     |  |
|             |                     | 核准<br>RUAN |                   |  |               |          |             |     |                                                                                                   |                  |                  |            |   |             |     |                                                                                       |
|             |                     |            |                   |  | 单位<br>UNITS   | MM       | 比例<br>SCALE | 1:1 |  Bossie (博锡) |                  |                  |            |   |             |     |                                                                                       |