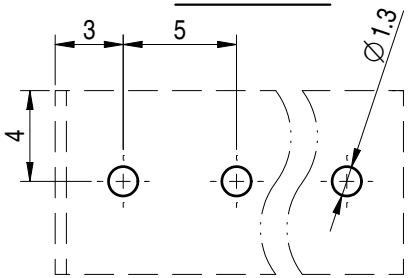
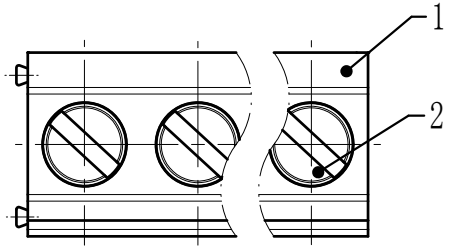
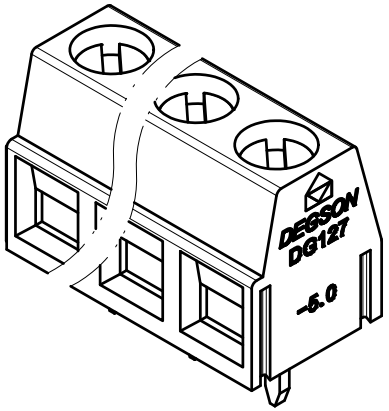
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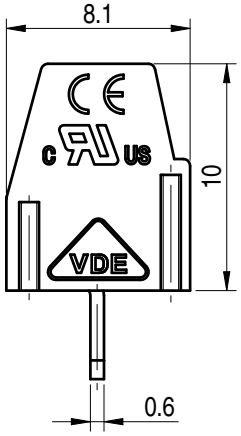
## PCB LAYOUT

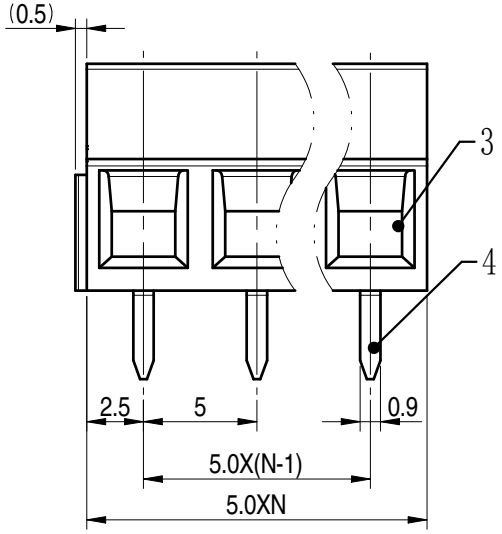


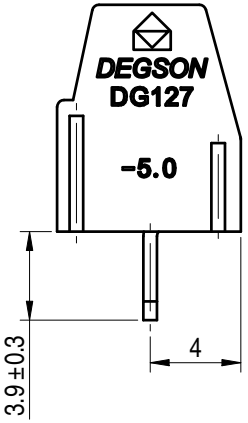

| 未注公差/General tolerances(mm) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 ~ 3 | >3 ~ 6 | >6 ~ 10 | >10 ~ 18 | >18 ~ 30 | >30 ~ 50 | >50 ~ 80 | >80 ~ 120 | >120 ~ 180 | >180 ~ 250 | >250 ~ 315 | >315 ~ 400 | >400 ~ 500 | >500 | 0.1/10 |
| ±0.12 | ±0.18 | ±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° |




Note:
The A&Z(H) in the name means: A(H) and Z(H).

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

| UL 标准/UL Standard: | B | C | D |
|---|---|---|---|
| 额定电压/电流/Rated Voltage(V)/Current(A) | 300/12 | / | / |
| IEC 标准/IEC Standard: | | | |
| 过压类别/Overvoltage Category/污染等级/Pollution Degree | III/2 | | |
| 额定电压/电流/Rated Voltage(V)/Current(A) | 250/15 | | |
| 工频耐压/Withstanding voltage(V/1Min) | AC2000 | | |
| 螺丝扭矩/Torque Tightening(N·m/Lb.in) | M3, 02P 0.34/3.04<br>≥03P 0.5/4.43 | | |
| 线径范围(硬线和软线)/Wire Range(rigid and flexible)(AWG/mm²) | 26～14 / 0.75～1.5 | | |
| 间距/Pitch(mm)/线数范围/Poles | 5.0/N=02～24P | | |
| 剥线长度/Stripping length(mm) | 6～7 | | |
| 使用温度范围/Operating temperature(°C) | -40～+105 | | |
| 符合RoHS环保要求/Conform to RoHS | Yes | | |

| REV | ECN | DESCRIPTION | DRFT | DATE |
|---|---|---|---|---|
| 00 | | | 龚徐涛 | 2022.08.23 |

DEGSON

| | | |
|---|---|---|
| APPD: | 兰春华 | 2022.08.23 |
| CHKD: | 陈招 | 2022.08.23 |
| DRFT: | 龚徐涛 | 2022.08.23 |

A4 mm (inch)

MATERIAL: | SURFACE/COLOR:
MAT NO./REV: / 00 | MAT STATUS: 批量

NAME: DG127-5.0-XXP-1Y-1000A&Z(H)

| DRAWING NO. | TYPE | DRAWING STATUS | SCALE | SHEET |
|---|---|---|---|---|
| 200104012 | CUSTOMER DRAWING | 已发布 | 3:1 | 1/1 |