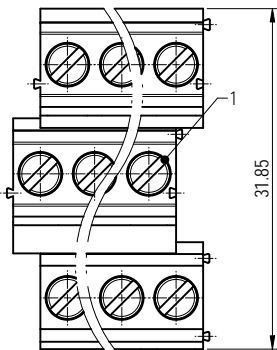
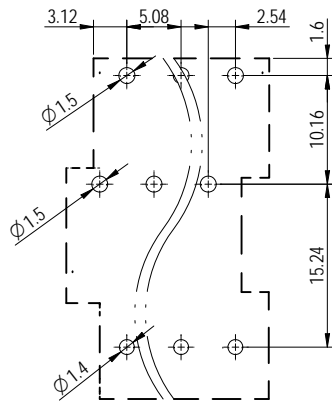
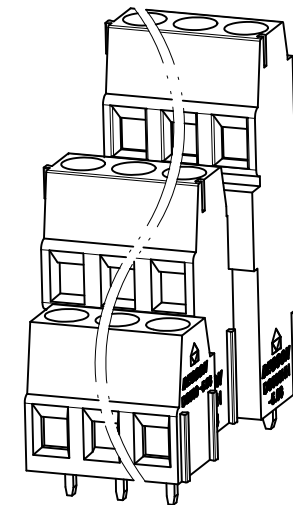
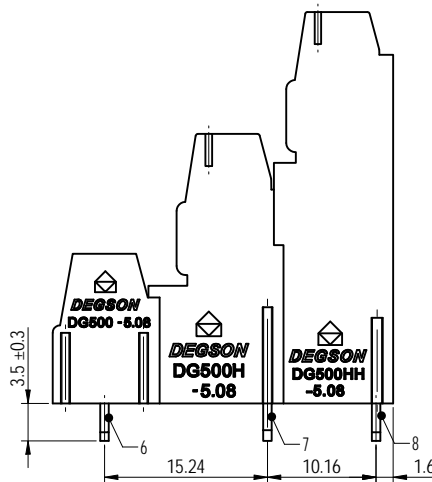
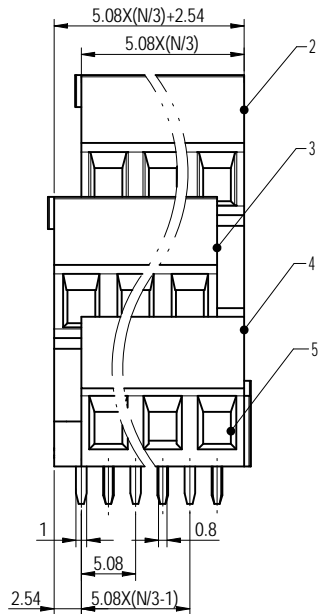
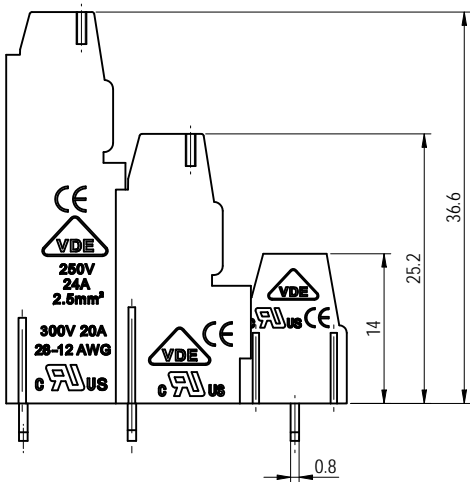


PCB LAYOUT



| | | | | | | | | | | | | | | |
|--|----|----|-----|-----|-----|-----|-----|------|------|-----------------------|--------|--------|------|-----------------------|
| 未注公差/General tolerances (mm) | | | | | | | | | | $\frac{\Delta}{\phi}$ | | | | |
| 0 | >3 | >6 | >10 | >18 | >30 | >50 | >80 | >120 | >180 | >250 | >315 | >400 | >500 | 0.1/10 |
| ~ | 3 | 6 | 10 | 18 | 30 | 50 | 80 | 120 | 180 | 250 | 315 | 400 | 500 | $\frac{\Delta}{\phi}$ |
| | | | | | | | | | | ± 2 | | | | |
| UL 标准/UL Standard: | | | | | | | | | | B | C | D | | |
| 额定电压/电流/Rated Voltage(V)/Current(A) | | | | | | | | | | 300/20 | / | 300/10 | | |
| IEC 标准/IEC Standard: | | | | | | | | | | | | | | |
| 过压类别/Ovenvoltage Category/污染等级/Pollution Degree | | | | | | | | | | III/3 | III/2 | II/2 | | |
| 额定电压/电流/Rated Voltage(V)/Current(A) | | | | | | | | | | / | 250/18 | / | | |
| 工频耐压/Withstanding Voltage(V/min) | | | | | | | | | | / | AC2000 | / | | |
| 螺丝扭矩/Torque Tightening(N·m/Lb·in) | | | | | | | | | | M2.5: 0.4/3.6 | | | | |
| 线径范围(硬线和软线)/Wire Range(rigid and flexible)(AWG/mm ²) | | | | | | | | | | 28~12 / 1.0~2.5 | | | | |
| 间距/Pitch(mm)/线数范围/Poles | | | | | | | | | | 5.08/N=06~72P | | | | |
| 剥线长度/Stripping length(mm) | | | | | | | | | | 7~8 | | | | |
| 使用温度范围/Operating temperature(°C) | | | | | | | | | | -40~+105 | | | | |
| 符合RoHS环保要求/Conform to RoHS | | | | | | | | | | Yes | | | | |



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

| | | | |
|------|--------------|--------------|----------------|
| 8 | Pin header 3 | Copper alloy | Sn Plated |
| 7 | Pin header 2 | Copper alloy | Sn Plated |
| 6 | Pin header 1 | Copper alloy | Sn Plated |
| 5 | Cage | Copper alloy | M2.5/Ni Plated |
| 4 | Housing 3 | PA66 | UL94V-0 |
| 3 | Housing 2 | PA66 | UL94V-0 |
| 2 | Housing 1 | PA66 | UL94V-0 |
| 1 | Screw | Steel | M2.5/Zn Plated |
| ITEM | NAME OF PART | MATERIAL | NOTES |

| | | | | |
|---------------|------------|------------------------------------|------------------|----------------|
| DEGSON | | MATERIAL: / | SURFACE/COLOR: / | |
| APPD: 竺春华 | 2022.09.29 | MAT NO./REV: - | / 00 | MAT STATUS: 批量 |
| CHKD: 陈超 | 2022.09.29 | NAME: DG500A3-5.08-XXP-1Y-00A&Z(H) | | |
| DRFT: 李凯 | 2022.09.29 | DRAWING NO. | TYPE | DRAWING STATUS |
| | | 200027381 | CUSTOMER DRAWING | 已发布 |
| REV | ECN | DESCRIPTION | DRFT | DATE |
| 00 | | | | 2022.09.29 |
| | | SCALE | | SHEET |
| | | 2:1 | | 1/1 |

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