



| 公差/General tolerances(mm) |       |       |       |       |       |       |       |       |       |       | 0.1/10 |       |       |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| 0                         | >3    | >6    | >10   | >18   | >30   | >50   | >80   | >120  | >180  | >250  |        | >315  | >400  |
| ~3                        | ~6    | ~10   | ~18   | ~30   | ~50   | ~80   | ~120  | ~180  | ~250  | ~315  | ~400   | ~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 |

| ITEM   | NAME OF PART | MATERIAL      | NOTES        |
|--|--------------|---------------|--------------|
| 4  | Pin Header   | Copper Alloy  | Sn Plated    |
| 3  | Screw        | Steel         | M3/Zn Plated |
| 2  | Cage         | Copper Alloy  | M3/Ni Plated |
| 1  | Housing      | PA66          | UL94V-0      |
| UL 标准/UL Standard:   |              | B             | C            |
| 额定电压/电流/Rated Voltage(V)/Current(A)                              |              | 300/20        | /            |
| IEC 标准/IEC Standard:   |              |               |              |
| 过压类别/Overvoltage Category/污染等级/Pollution Degree                  |              | III/2         | III/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)                                |              | M3, 0.5/4.43  |              |
| 线径范围(硬线和软线)/Wire Range(rigid and flexible)(mm <sup>2</sup> /AWG) |              | 1.0~2.5/30~12 |              |
| 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           |              |

|                        |   |  |                      |
|------------------------|---|--|----------------------|
| MATERIAL: /            | SURFACE: /  |  |                      |
| MAT NO.: /             | <b>宁波高松电子有限公司</b><br><b>NINGBO DEGSON ELECTRICAL CO., LTD</b> |  |                      |
| STATUS: /              |   |  |                      |
| APPD: LiGL 2020.06.11  | NAME: <b>DG500-5.0-XXP-1Y-1000A(H)</b>                        |  |                      |
| CHKD: Mek 2020.06.11   | DRAWING NO.: DG500-5.0-C35                                    |  | REV T1               |
| DRFT: LuoXM 2020.06.11 | TYPE: CUSTOMER DRAWING  |  | SCALE: 4:1 SHEET 1/1 |

| REV | ECN | DESCRIPTION | DRFT | DATE |
|-----|-----|-------------|------|------|
|     |     |             |      |      |

SIZE: A4  $\frac{mm}{inch}$