



| 公差等级/General | tolerance/(mm) | 0 | >3 | >6 | >10 | >18 | >30 | >50 | >80 | >120 | >180 | >250 | >315 | >400 | >500 | 0.1/10 |
|--------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ~ | ±Z |
| ±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 | ±2.50 | ±Z | |

| ITEM | NAME OF PART | MATERIAL | NOTES |
|------|--------------|--------------|-----------|
| 6 | Screw | Steel | Zn Plated |
| 5 | Cage | Copper alloy | Ni Plated |
| 4 | Header 2 | Copper alloy | Sn Plated |
| 3 | Header 1 | Copper alloy | Sn Plated |
| 2 | Housing 2 | PA66 | UL94V-0 |
| 1 | Housing 1 | PA66 | UL94V-0 |

| UL 标准/UL Standard: | B | C | D |
|-------------------------------------|--------|---|--------|
| 额定电压/电涌/Rated Voltage(V)/Current(A) | 300/20 | / | 300/70 |

| IEC 标准/IEC Standard: | B | C | D |
|--|---------------|--------|------|
| 过压类别/Overvoltage Category/污染等级/Pollution Degree | III/3 | III/2 | II/2 |
| 额定电压/电涌/Rated Voltage(V)/Current(A) | / | 250/18 | / |
| 工频耐压/Withstanding Voltage(V/min) | / | AC2000 | / |
| 拧紧扭矩/Torque Tightening(N·m/Lb·in) | M3, 0.5/4.45 | | |
| 线芯范围(硬线和软线)/Wire Range(rigid and flexible)(mm ² /AWG) | 1.0~2.5/28~12 | | |
| 间距/Pitch(mm)/线数范围/Poles | 5.08/N=02~48P | | |
| 引线长度/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: | / |
| MAT NO.: | / |
| STATUS: | / |
| APPD: | LGL 2020.06.18 |
| CHKD: | MoEK 2020.06.18 |
| DFT: | longxc 2004.03.25 |
| NAME: | DG500B-5.08-XXP-1Y-1000A(H) |
| DRAWING NO.: | DG500B-5.08-C05 |
| TYPE: | CUSTOMER DRAWING |

| | |
|--------------|-----------------------|
| PCB LAYOUT | 尺寸: 21.60mm x 15.24mm |
| 孔距: 5.08mm | 孔径: φ1.30mm |
| 焊盘直径: 2.54mm | 定位孔直径: 1.60mm |

| REV | ECN | DESCRIPTION | DFT | DATE |
|-----|-----|-------------|-----|------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |

| | |
|------------|-----------|
| SCALE: 2:1 | SHEET 1/1 |
|------------|-----------|