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FOR-1755 Rev.2.2

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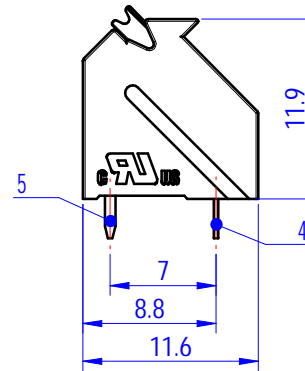
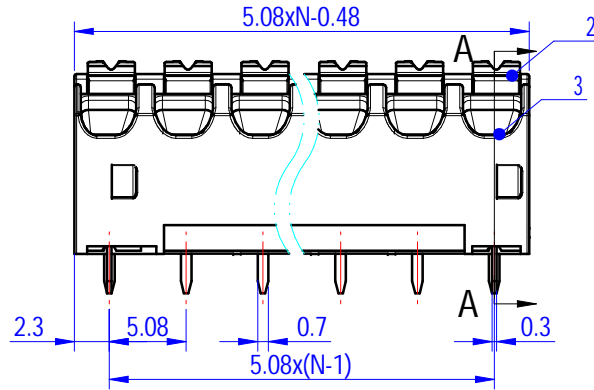
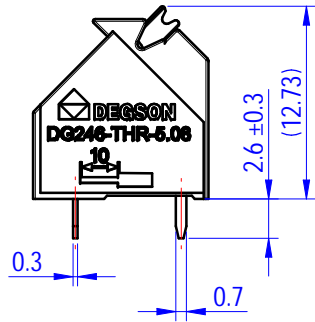
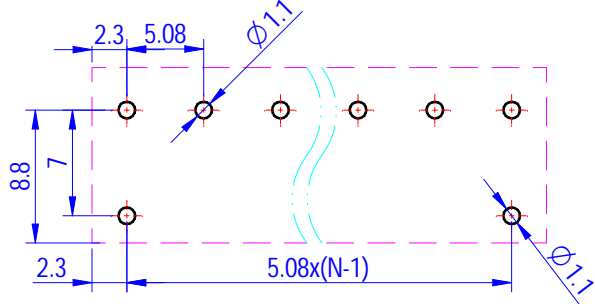
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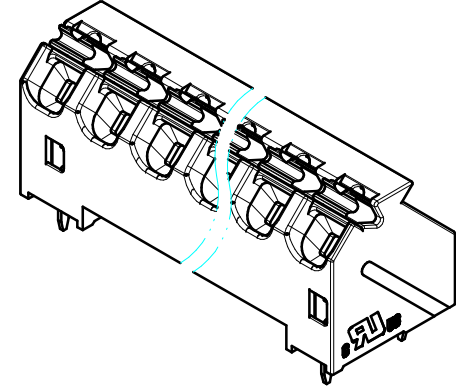
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## PCB LAYOUT



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°    |



|   |            |                 |           |          |
|---|------------|-----------------|-----------|----------|
| 5   | Fixator    | Stainless steel | Sn Plated |          |
| 4   | Pin-header | Copper alloy    | Sn Plated |          |
| 3   | Spring     | Stainless steel | /         |          |
| 2   | Button     | PA66-GF         | UL94V-0   |          |
| 1   | Housing    | Thermoplastic   | UL94V-0   |          |
| UL 标准/UL Standard:                                  |            | B               | C         | D        |
| 额定电压/电流/Rated Voltage(V)/Current(A)                 |            | 300/10          | /         | 300/10   |
| IEC 标准/IEC Standard:                                |            |                 |           |          |
| 过压类别/Overvoltage Category/污染等级/Pollution Degree     |            | III/3           | III/2     | II/2     |
| 额定电压/电流/Rated Voltage(V)/Current(A)                 |            | 250/17.5        | 320/17.5  | 400/17.5 |
| 额定脉冲电压(KV)/Rate Impulse Voltage(KV)                 |            | 4               | 4         | 4        |
| 线径范围(硬线和软线)/Wire Range(rigid and flexible)(AWG/mm²) |            | 24~16/0.2~1.5   |           |          |
| 间距/Pitch(mm)/线数范围/Poles                             |            | 5.08/N=02~12P   |           |          |
| 剥线长度/Stripping length(mm)                           |            | 10              |           |          |
| 使用温度范围/Operating temperature(°C)                    |            | -40~+120        |           |          |
| 符合RoHS环保要求/Conform to RoHS                          |            | Yes             |           |          |



MATERIAL:

SURFACE/COLOR: pantone 419C

MAT NO./REV:

MAT STATUS: 样品

APPD: 蓝贵凡

2025.06.04

CHKD: 陈招

2025.06.03

DRFT: 陈招

2025.06.03

DRAWING NO.

TYPE

DRAWING STATUS

SCALE

SHEET

200093983

CUSTOMER DRAWING

已发布

2:1

1/1

DG246-THR-5.08-XXP-1Y-00Z(H)

|     |     |                  |      |            |
|-----|-----|------------------|------|------------|
| 01  |     | Add UL lettering | 陈招   | 2025.06.03 |
| REV | ECN | DESCRIPTION      | DRFT | DATE       |

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