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FOR-1755 Rev.1.7

2

3

4

5

6

未注公差/General tolerances(mm)

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 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  | ~500  | ±2°    |
| ±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 |        |

UL 标准/UL Standard:

B

C

D

额定电压/电流/Rated Voltage(V)/Current(A)

300/12

/

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)

200/17.5

200/17.5

320/17.5

额定脉冲电压(KV)/Rate Impulse Voltage(KV)

2.5

2.5

2.5

线径范围(硬线和软线)/Wire Range(rigid and flexible)(AWG/mm<sup>2</sup>)

28~14/ 0.2~1.5

间距/Pitch(mm)/线数范围/Poles

3.81/N=02~16P

剥线长度/Stripping length(mm)

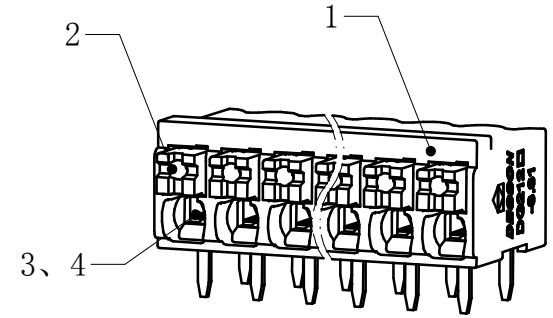
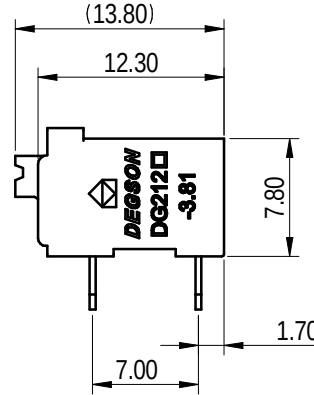
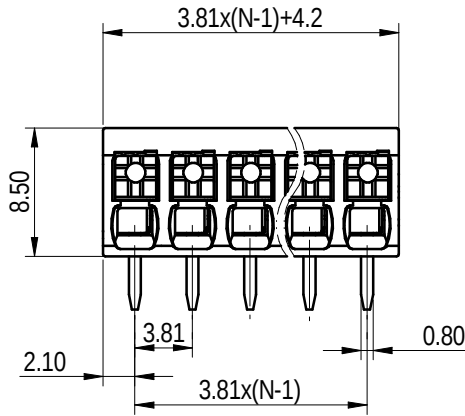
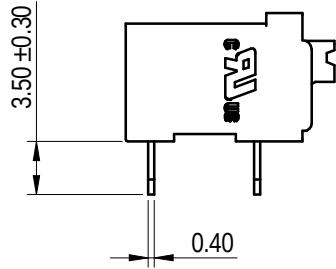
8~9

使用温度范围/Operating temperature(°C)

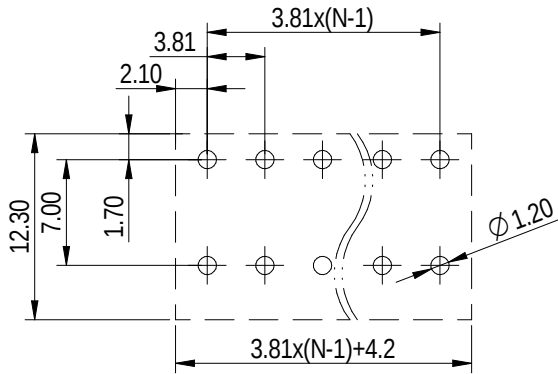
-40~+130

符合 RoHS 环保要求/Conform to RoHS

Yes



Unmarked dimensions refer to 3D model



PCB LAYOUT

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

|      |              |                 |           |
|------|--------------|-----------------|-----------|
| 4    | Spring       | Stainless steel | /         |
| 3    | Pin header   | Copper alloy    | Sn plated |
| 2    | Button       | PA66+GF         | UL94V-0   |
| 1    | Housing      | Thermoplastic   | UL94V-0   |
| ITEM | NAME OF PART | MATERIAL        | NOTES     |



MATERIAL:

SURFACE/COLOR:

MAT NO./REV: 10060008057-1 / 00.01

MAT STATUS: 批量

APPD: 蓝贵凡

2023.05.10

CHKD: 曹利彬

2023.04.19

DRFT: 汪德荣

2023.04.19

NAME

DG212R-THR-3.81-XXP-1Y-1000A&Z(H)

DRAWING NO.

TYPE

DRAWING STATUS

SCALE

SHEET

200118271

CUSTOMER DRAWING

已发布

2:1

1/1

00

ECN

DESCRIPTION

汪德荣

2023.04.19

DRFT

DATE

A4

mm  
(inch)

1

2

3

4

5

6