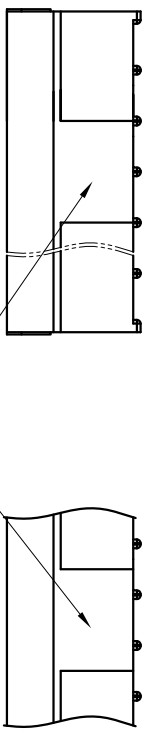
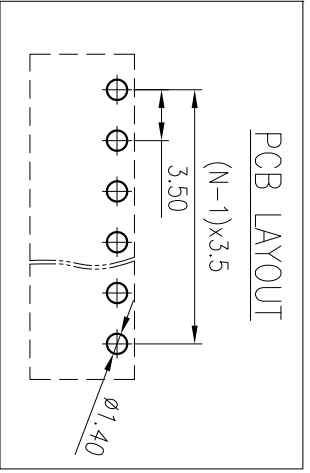
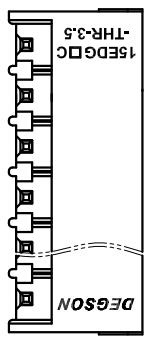
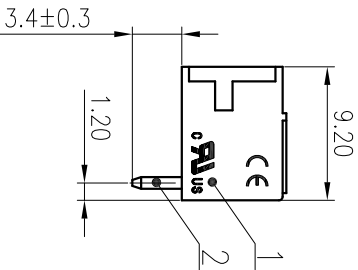
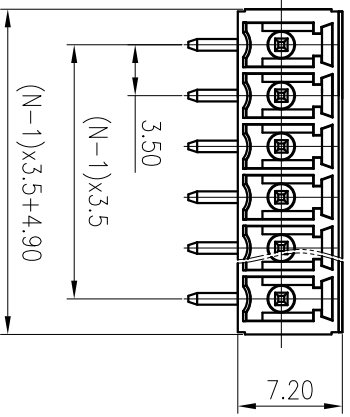
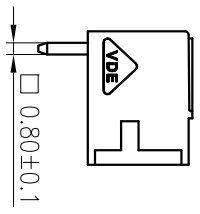


| 未注公差/General tolerances(mm) |       |       |       |       |       |       |       |       |       |       |       |       |        |    |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|----|
| 0                           | >3    | >6    | >10   | >18   | >30   | >50   | >80   | >120  | >180  | >250  | >315  | >400  | 0.1/10 |    |
| ~                           | ~     | ~     | ~     | ~     | ~     | ~     | ~     | ~     | ~     | ~     | ~     | ~     |        |    |
| 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  | ±2 |



The pad is positioned centrally above the existing positions.



| ITEM | NAME OF PART | MATERIAL | NOTES     |
|------|--------------|----------|-----------|
| 2    | Pin          | Copper   | Sn Plated |
| 1    | Housing      | LCP      | UL94V-0   |

|   |              |       |      |
|---|--------------|-------|------|
| UL 标准/UL Standard:                              | B            | C     | D    |
| 额定电压/电流/Rated Voltage(V)/Current(A)             | 300/8        | /     | /    |
| EC 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)             | /            | 250/8 | /    |
| 额定脉冲电压(KV)/Rate Impulse Voltage(KV)             | /            | 2.5   | /    |
| 间距/Pitch(mm)/线数范围/Poles                         | 3.5/N=02~12P |       |      |
| 使用温度范围/Operating temperature(°C)                | -40~+130     |       |      |
| 符合RoHS环保要求/Conform to RoHS                      | Yes          |       |      |

|                         |                               |
|-------------------------|-------------------------------|
| MATERIAL:               | /                             |
| MAT NO.:                | /                             |
| STATUS:                 | /                             |
| APPD.:                  |                               |
| CHKD.:                  |                               |
| DRFT: Cen/MZ 2020.06.17 |                               |
| NAME:                   | 15EDGRC-THR-3.5-XXP-1Y-10A(H) |
| DRAWING NO.:            | 15EDGRC-THR-3.5-C01           |
| TYPE:                   | CUSTOMER DRAWING              |
| SCALE:                  | 2:1                           |
| SHEET:                  | 1/1                           |

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NINGBO DEGSON ELECTRICAL CO., LTD

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

| REV | TO |
|-----|----|
|     |    |

**Processing notes** 

|         |                                 |
|---------|---------------------------------|
| Process | Wave soldering/manual soldering |
|---------|---------------------------------|

**Electrical parameters UL** 

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated current (B) | 8A   |

**Electrical parameters IEC** 

|                            |       |
|----------------------------|-------|
| Rated voltage              | 250V  |
| Rated current              | 8A    |
| Rated voltage(III/2)       | 250V  |
| Rated surge voltage(III/2) | 2.5KV |

**Item properties** 

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 0°                            |
| Type of installation | PCB welding                   |
| Pin arrangement      | Single row in a straight line |
| Pitch                | 3.5mm                         |
| Number of potentials | 2                             |
| Pluggable or not     | Yes                           |

|                |   |
|----------------|---|
| Number of rows | 1 |
|----------------|---|

**Material data**

|                             |                                      |
|-----------------------------|--------------------------------------|
| Environmental items         | Compliant with REACH/RoHS            |
| Contact material            | copper                               |
| Contact point metal surface | tin-plated                           |
| Insulation Materials        | High temperature resistant materials |
| Insulating material group   | IIIa                                 |
| Flammability rating         | UL94V-0                              |

**Mechanical tests**

|                    |                  |
|--------------------|------------------|
| Test Specification | IEC61984/ UL1059 |
|--------------------|------------------|

**Environmental data**

|                                 |  |
|---------------------------------|--|
| Ambient temperature (operation) | -40°C~130°C(depending on derating curve) |
|---------------------------------|--|

Pluggable terminal blocks, Rated current:8A. Rated voltage (Ⅲ/2)  
:250V, pitch:3.5mm, Color:black, Contact surface :Tin