

## Visión general

### Información del Producto



## DG305-5.0-10050000231

PCB terminal blocks, Rated current: 20A, Rated voltage (III/2) 250V, Cross section: 2.5mm<sup>2</sup>, pitch: 5.0mm, connector method: screw connector with wire protection, Color: blue, Contact surface : Tin

### Ventajas del producto

- ☒ Fixed screw connection technology, safe and reliable
- ☒ Square wiring hole, large wiring capacity

### Certificación del producto



## Datos técnicos

### Dibujo del producto

### Modelo 3D

□

### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

1.0~2.5mm<sup>2</sup>

Conductor cross section flexible

1.0~2.5mm<sup>2</sup>

AWG

22~14AWG

Strip length

6mm

### Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

|                   |     |
|-------------------|-----|
| Rated current (B) | 15A |
| Rated current (D) | 10A |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 250V |
| Rated current              | 20A  |
| Rated voltage(III/2)       | 250V |
| Rated surge voltage(III/2) | 2KV  |

#### Item properties

|                      |                                       |
|----------------------|---------------------------------------|
| Connection direction | 0°                                    |
| Type of installation | PCB welding                           |
| Pin arrangement      | Single row in a straight line         |
| Connection method    | Screw connection with wire protection |
| Screwdriver          | Slotted screwdriver                   |
| screw thread         | M2.5                                  |
| Pitch                | 5mm                                   |
| Number of potentials | 2                                     |
| Pluggable or not     | no                                    |
| Number of rows       | 1                                     |

#### Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | Copper alloy              |
| Contact point metal surface | tin-plated                |
| Insulation Materials        | PBT                       |
| Insulating material group   | IIIa                      |
| Flammability rating         | UL94V-0                   |

| Mechanical tests                |                 |
|---------------------------------|-----------------|
| Test Specification              | UL1059/IEC60998 |
| Environmental data              |                 |
| Ambient temperature (operation) | -30°C~120°C     |

| Accesorios     |                                |
|----------------|--------------------------------|
| Accessories    |                                |
| Coding strip   | /                              |
| Bridge         | DG019-5.0                      |
| Marking strip  | /                              |
| Others         | /                              |
| Tool           |                                |
| Operating tool | /                              |
| Screwdriver    | 0.6x3.5mm, Slotted screwdriver |

| Datos empresariales              |             |
|----------------------------------|-------------|
| Número de pedido                 | 10050000231 |
| Unidad de embalaje               | #N/A        |
| Cantidad mínima de pedido        |             |
| Peso del producto (sin embalaje) | #N/A        |