

## Overview

### Product information



## DG300-5.0-10050000384

PCB terminal blocks, Rated current: 24A, 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

### Product advantages

- Universal installation method to ensure a high degree of flexibility in device design
- Different poles can be combined through the side lock

### Product certification



## Technical data

### Product drawing

### 3D model

□

### 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) | 10A |
| Rated current (D) | 10A |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 250V |
| Rated current              | 24A  |
| Rated current(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         | M3                                    |
| Pitch                | 5mm                                   |
| Number of potentials | 3                                     |
| 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   | IIIb                      |
| Flammability rating         | UL94V-0                   |

### Mechanical tests

Test Specification

UL1059/IEC60998

### Environmental data

Ambient temperature (operation)

-30°C~120°C

### Accessories

#### Accessories

Coding strip

/

Bridge

DG019-5.0

Marking strip

/

Others

/

#### Tool

Operating tool

/

Screwdriver

0.6x3.5mm, Slotted screwdriver

### Business data

Order number

10050000384

Packing unit

#N/A

Minimum order quantity

30

Products weight (without packaging)

#N/A