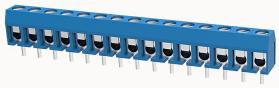
## Overview

### Product information



# DG301-5.0-10050000523

PCB terminal blocks,Rated current:17.5A,Rated voltage （III/2）250V,Cross section:1.5mm²,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 | 0.75~1.5mm² |
| Conductor cross section flexible | 0.75~1.5mm² |
| AWG | 22~14AWG |
| Strip length | 6mm |

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 300V |

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

Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 250V |
| Rated current | 17.5A |
| 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 | 15 |
| 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℃~120℃(depending on derating curve) |

## Accessories

### Accessories

| | |
|---|---|
| Coding strip | / |
| Bridge | DG019-5.0 |
| Marking strip | / |
| Others | / |

### Tool

| | |
|---|---|
| Operating tool | / |
| Screwdriver | 0.6x3.5mm，Slotted screwdriver |

## Business data

| | |
|---|---|
| Order number | 10050000523 |
| Packing unit | #N/A |
| Minimum order quantity | 30 |
| Products weight (without packaging) | #N/A |