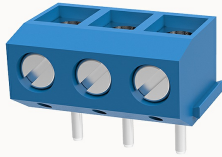


## Overview

### Product information



## DG301R-5.0-10050000165

PCB terminal blocks, Rated current: 17.5A, Rated voltage (III/2) 250V, Cross section: 1.5mm<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	0.2~1.5mm <sup>2</sup>
Conductor cross section flexible	0.2~1.5mm <sup>2</sup>
AWG	22~14AWG
Torque	0.4N.m
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 current(III/2)	250V
Rated surge voltage(III/2)	2KV

#### Item properties

Connection direction	90°
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	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

0.5x3.0mm, Slotted screwdriver

### Business data

Order number

10050000165

Packing unit

#NA

Minimum order quantity

30

Products weight (without packaging)

#NA