

## Overview

### Product information



## DG105R-5.0-10040000051

PCB terminal blocks, Rated current: 24A, Rated voltage (III/2) 250V, Cross section: 0.5~2.5mm<sup>2</sup>, pitch: 5.0mm, connector method: Front screw connector, Color: green, Contact surface: Tin

### Product advantages

- Universal connection method to ensure a high degree of flexibility in device design
- Two solder pins reduce mechanical stress on solder joints
- Different poles can be combined through the side lock

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid	0.5~2.5mm <sup>2</sup>
Conductor cross section flexible	0.5~2.5mm <sup>2</sup>
AWG	30~12AWG
Torque	0.4N.m
Strip length	12mm

### Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	20A
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	Double-row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M2.5
Pitch	5mm
Number of potentials	1
Pluggable or not	no
Number of rows	1

#### Material data

Environmental items	Compliant with REACH/RoHS
Contact material	copper
Contact point metal surface	tin-plated
Insulation Materials	PA66

Insulating material group	I
Flammability rating	UL94V-0

#### Mechanical tests

Test Specification	UL1059/IEC60998
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#### Environmental data

Ambient temperature (operation)	-40°C~105°C
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### Accessories

#### Tool

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

#### Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

### Business data

Order number	10040000051
Packing unit	1500
Minimum order quantity	30
Products weight (without packaging)	3.962