

## Overview

### Product information



## DG107R-7.62-10040002472

PCB terminal blocks, Rated current: 32A, Rated voltage (III/2) 630V, Cross section: 0.5-6mm<sup>2</sup>, pitch: 7.62mm, 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

0.2~6mm<sup>2</sup>

Conductor cross section flexible

0.5~6.0mm<sup>2</sup>

AWG

26~10AWG

Torque

0.5N.m

Strip length

13mm

### Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	30A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	630V
Rated voltage(III/3)	500V
Rated current	32A
Rated voltage(III/2)	630V
Rated voltage(II/2)	1000V
Rated surge voltage(III/3)	6KV
Rated surge voltage(III/2)	6KV
Rated surge voltage(II/2)	6KV

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	M3
Pitch	7.62mm
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	IEC60947/UL1059
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#### Environmental data

Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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### Accessories

#### Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

#### Tool

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

### Business data

Order number	10040002472
Packing unit	50
Minimum order quantity	30

Products weight (without packaging)	8.6
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