

## Overview

### Product information



## DG107R-6.35-10040000799

PCB terminal blocks, Rated current: 41A, Rated voltage (III/2) 320V, Cross section: 0.5-6mm<sup>2</sup>, pitch: 6.35mm, 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

0.5~6mm<sup>2</sup>

Conductor cross section flexible

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

AWG

26~10AWG

Torque

0.5N.m

Strip length

14mm

### Electrical parameters UL

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

#### Electrical parameters IEC

Rated voltage	320V
Rated voltage(III/3)	320V
Rated current	41A
Rated voltage(III/2)	320V
Rated voltage(II/2)	630V
Rated surge voltage(III/3)	4KV
Rated surge voltage(III/2)	4KV
Rated surge voltage(II/2)	4KV

#### Item properties

Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	6.35mm
Number of potentials	2
Pluggable or not	no
Number of rows	1

#### Material data

Environmental items	Compliant with REACH/RoHS
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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/UL 1059
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#### Environmental data

Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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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	10040000799
Packing unit	280
Minimum order quantity	30
Products weight (without packaging)	16.428571428571

