

## Overview

### Product information



## DG2204R-5.0-10050000496

PCB Terminal Blocks, Rated current: 32A, Rated voltage (III/2) : 400V, Cross section: 4mm<sup>2</sup>, Pitch: 5.0mm, Connection method: Push-in spring connection, Color: Green, Contact surface: Tin

### Product advantages

- ☒ Push-in spring connection, excellent anti-vibration performance, tool-free.
- ☒ Dual-Lever Spring patented technology, easy and comfortable operation.  
(Chinese patent for Utility Model, patent application number ZL201921625513.6)
- ☒ Levers status is optional (open/close), suitable for multi-core cable.

### Product certification



## Technical data

### Product drawing

### 3D model

### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~4mm<sup>2</sup>

Conductor cross section flexible

0.2~4.0mm<sup>2</sup>

AWG

24~12AWG

Strip length

10mm

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 20A  |
| Rated current (D) | 10A  |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 400V |
| Rated voltage(III/3)       | 320V |
| Rated current              | 32A  |
| Rated voltage(III/2)       | 400V |
| Rated voltage(II/2)        | 600V |
| Rated surge voltage(III/3) | 4KV  |
| Rated surge voltage(III/2) | 4KV  |
| Rated surge voltage(II/2)  | 4KV  |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 0°                            |
| Type of installation | PCB welding                   |
| Pin arrangement      | Double-row in a straight line |
| Connection method    | Push-in spring connection     |
| 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 | IEC60947/UL 1059 |
|--------------------|------------------|

#### Environmental data

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

### Accessories

#### Accessories

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

#### Tool

|                |   |
|----------------|---|
| Operating tool | / |
| Screwdriver    | / |

### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 10050000496 |
| Packing unit                        | 200         |
| Minimum order quantity              |             |
| Products weight (without packaging) | 2.375       |

