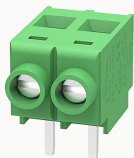


## Overview

### Product information



### DG632R-5.0-10040000596

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: Screw connector with tension sleeve, Color: green, Contact surface : Tin

### Product advantages

- ☒ Fixed screw connection technology, safe and reliable
- ☒ Universal installation method to ensure a high degree of flexibility in device design

### Product certification



## Technical data

### Product drawing

### 3D model

□

### 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

28~12AWG

Torque

0.4N.m

Strip length

6mm

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 15A  |
| Rated current (D) | 10A  |

Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 250V |
| Rated current              | 24A  |
| Rated voltage(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              |
| Screwdriver          | Slotted screwdriver           |
| screw thread         | M2.5                          |
| Pitch                | 5mm                           |
| Number of potentials | 2                             |
| 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        | PA66                      |

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Insulating material group       | I                                        |
| Flammability rating             | UL94V-0                                  |
| Mechanical tests                |                                          |
| Test Specification              | UL1059/IEC60998                          |
| Environmental data              |                                          |
| Ambient temperature (operation) | -40°C~105°C(depending on derating curve) |

|                |                                |
|----------------|--------------------------------|
| Accessories    |                                |
| Accessories    |                                |
| Coding strip   | /                              |
| Bridge         | DG019-5.0                      |
| Marking strip  | /                              |
| Others         | /                              |
| Tool           |                                |
| Operating tool | /                              |
| Screwdriver    | 0.6x3.5mm, Slotted screwdriver |

|                                     |                 |
|-------------------------------------|-----------------|
| Business data                       |                 |
| Order number                        | 10040000596     |
| Packing unit                        | 200             |
| Minimum order quantity              | 30              |
| Products weight (without packaging) | 2.4166666666667 |