

## Overview

### Product information



## DG125-5.0-10040000812

PCB terminal blocks, Rated current: 18A, 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

- ☒ Universal installation method to ensure a high degree of flexibility in device design
- ☒ Different poles can be combined through the side lock

### 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

26~12AWG

Torque

0.4N.m

Strip length

6mm

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated current (B) | 16A  |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 250V |
| Rated current              | 18A  |
| Rated voltage(III/2)       | 250V |
| Rated surge voltage(III/2) | 2KV  |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 0°                            |
| 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

10040000812

Packing unit

500

Minimum order quantity

30

Products weight (without packaging)

2.52