

## Overview

### Product information



## DG500HH-5.08-10040000522

PCB terminal blocks, Rated current: 24A, Rated voltage (III/2) 250V, Cross section: 1.0~2.5mm<sup>2</sup>, pitch: 5.08mm, connector method: Screw connector with tension sleeve, Color: green, Contact surface : Tin

### Product advantages

- Fixed screw connection technology, safe and reliable
- Different poles can be combined through the side lock
- 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    | 1.0~2.5mm <sup>2</sup> |
| Conductor cross section flexible | 1.0~2.5mm <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) | 20A  |
| Rated current (D) | 10A  |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 250V |
| Rated current              | 24A  |
| Rated current(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                | 5.08mm                        |
| Number of potentials | 5                             |
| 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 |
|---------------------------------|-------------|

**Accessories**

**Accessories**

|               |           |
|---------------|-----------|
| Coding strip  | /         |
| Bridge        | DG019-5.0 |
| Marking strip | /         |
| Others        | /         |

**Tool**

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

**Business data**

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 10040000522 |
| Packing unit                        | 350         |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 11.165      |