

## Overview

### Product information



## DG500A-5.08-10040000391

PCB terminal blocks, Rated current: 18A, 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

- Universal connection method to ensure a high degree of flexibility in device design
- Multi-layer wire connection can achieve higher contact density
- 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	1.0~2.5mm <sup>2</sup>
Conductor cross section flexible	1.0~2.5mm <sup>2</sup>
AWG	28~12AWG
Torque	0.5N.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	18A
Rated current(III/2)	250V
Rated surge voltage(III/2)	2KV

#### Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	5.08mm
Number of potentials	6
Pluggable or not	no
Number of rows	2

#### 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
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Environmental data

Ambient temperature (operation)	-40°C~105°C
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Accessories

Accessories

Coding strip	/
Bridge	DG019-5.0, DG042-5.08
Marking strip	/
Others	/

Tool

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

Business data

Order number	10040000391
Packing unit	450
Minimum order quantity	30
Products weight (without packaging)	9.486