

## Overview

### Product information



## DG212V-THR-5.0-10060008112

PCB terminal blocks, Rated current: 17.5A, Rated voltage (III/2) : 320V, Cross section: 1.5mm<sup>2</sup>, Pitch: 5.0mm, Connection method: Push-in spring connection, Color: Black, Contact surface: Tin

### Product advantages

- ☒ PUSH-IN spring connection, fast wiring
- ☒ high temperature resistant materials of housing, suitable for SMT process
- ☒ The operation and wiring direction are on the same side, so that the connector can be integrated into the front of the equipment to save space

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Reflow soldering/wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~1.5mm<sup>2</sup>

Conductor cross section flexible

0.2~1.5mm<sup>2</sup>

AWG

28~14AWG

Strip length

8mm

### Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	12A
Rated current (D)	10A

#### Electrical parameters IEC

Rated voltage	320V
Rated voltage(III/3)	320V
Rated current	17.5A
Rated voltage(III/2)	320V
Rated voltage(II/2)	500V
Rated surge voltage(III/3)	4KV
Rated surge voltage(III/2)	4KV
Rated surge voltage(II/2)	4KV

#### Item properties

Connection direction	90°
Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Push-in spring connection
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	High temperature resistant materials
Insulating material group	I
Flammability rating	UL94V-0

Mechanical tests

Test Specification	IEC60947/UL 1059
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Environmental data

Ambient temperature (operation)	-40°C~130°C(depending on derating curve)
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Accessories

Business data

Order number	10060008112
Packing unit	3150
Minimum order quantity	
Products weight (without packaging)	1.08