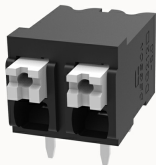


## Overview

### Product information



### DG212R-THR-5.0-10060008095

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

□

### 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 | 0°                            |
| 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 |
|--------------------|------------------|

Environmental data

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

Accessories

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 10060008095 |
| Packing unit                        | 2740        |
| Minimum order quantity              |             |
| Products weight (without packaging) | 1.08        |