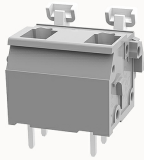


## Overview

## Product information

**DG242V-10.0-10060001138**

PCB spring terminal blocks, Rated current: 17A. Rated voltage  
(III/2) : 1000V, pitch: 10.0mm, Color: gray, Contact surface : Tin

## Product advantages

- ☑ Cage clamp connection technology, fast wiring
- ☑ 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

0.2~2.5mm<sup>2</sup>

Conductor cross section flexible

0.2~2.5mm<sup>2</sup>

AWG

28~12AWG

Strip length

6mm

## Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

|                   |     |
|-------------------|-----|
| Rated current (B) | 15A |
| Rated current (D) | 10A |

#### Electrical parameters IEC

|                                     |       |
|-------------------------------------|-------|
| Rated voltage                       | 1000V |
| Rated current                       | 17A   |
| Rated voltage(III/2)                | 1000V |
| Rated power frequency voltage(1min) | 3.5KV |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 90°                           |
| Type of installation | PCB welding                   |
| Pin arrangement      | Double-row in a straight line |
| Connection method    | spring-cage connection        |
| Pitch                | 10mm                          |
| 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        | / |
| Marking strip | / |
| Others        | / |

Tool

|                |   |
|----------------|---|
| Operating tool | / |
| Screwdriver    | / |

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 10060001138 |
| Packing unit                        | 450         |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 3.27        |