

## Overview

## Product information

**DG16R-B-12030000207**

Single-layer PCB barrier terminal blocks, Rated current: 10A. Rated voltage (UL) : 300V, Cross section: 22-16AWG, pitch: 6.35mm, Color: black, Contact surface : Tin

## Product advantages

- ☑ Screw connection for worldwide use
- ☑ Fence type wiring structure, stable and reliable connection
- ☑ Solder plate mounting for electrical connection of the device to the PCB

## Product certification



## Technical data

## Product drawing

## 3D model

[□](#)

## Processing notes

Process

Wave soldering/manual soldering

## Connection capacity

AWG

22~16AWG

Torque

0.4N.m

## Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (C)

150V

Rated voltage (D)

300V

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

Electrical parameters IEC

|               |       |
|---------------|-------|
| Rated current | 300V  |
|               | 17.5A |

Item properties

|                      |                               |
|----------------------|-------------------------------|
| Type of installation | PCB welding                   |
| Pin arrangement      | Single row in a straight line |
| Connection method    | Screw connection              |
| Screwdriver          | slotted-phillips screwdriver  |
| screw thread         | M2.5                          |
| Pitch                | 6.35mm                        |
| 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 |
|--------------------|--------|

Environmental data

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Ambient temperature (operation) | -40°C~105°C(depending on derating curve) |
|---------------------------------|------------------------------------------|

Accessories

Accessories

|  |  |
|--|--|
|  |  |
|--|--|

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 12030000207 |
| Packing unit                        | 200         |
| Minimum order quantity              | /           |
| Products weight (without packaging) | 2.5         |