

Overview

Product information

**DG36R-B-12030000022**

Single-layer PCB barrier terminal blocks, Rated current: 20A. Rated voltage (UL): 300V, Cross section: 22-12AWG, pitch: 8.25mm, 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

22~12AWG

Torque

0.5N.m

Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (C)

150V

Rated voltage (D)

300V

| | |
|-------------------|-----|
| Rated current (B) | 20A |
| Rated current (D) | 10A |
| Rated current (C) | 20A |

Electrical parameters IEC

| | |
|---------------|------|
| Rated current | 300V |
| | 32A |

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 | M3 |
| Pitch | 8.25mm |
| 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

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

Accessories

Accessories

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Business data

| | |
|-------------------------------------|-------------|
| Order number | 12030000022 |
| Packing unit | 200 |
| Minimum order quantity | / |
| Products weight (without packaging) | 4.13 |