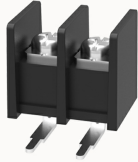


Overview

Product information

**DG45R-B-12020000258**

Single-layer PCB barrier terminal blocks, Rated current: 25A. Rated voltage (UL) : 300V, Cross section: 22~12AWG, pitch: 9.5mm, 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

1.2N.m

Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

Rated current (B)

25A

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

Electrical parameters IEC

| | |
|---------------|------|
| Rated current | 600V |
| | 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 | M4 |
| Pitch | 9.5mm |
| 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 | PA66 |
| Insulating material group | I |
| Flammability rating | UL94V-0 |

Mechanical tests

| | |
|--------------------|--------|
| Test Specification | UL1059 |
|--------------------|--------|

Environmental data

| | |
|---------------------------------|-------------|
| Ambient temperature (operation) | -40°C~105°C |
|---------------------------------|-------------|

Accessories

Accessories

Bridge

K24

Business data

| | |
|-------------------------------------|-------------|
| Order number | 12020000258 |
| Packing unit | 100 |
| Minimum order quantity | / |
| Products weight (without packaging) | 7.6 |