

## Overview

## Product information


**DG45S-B-12020000280**

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
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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	4
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
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Environmental data

Ambient temperature (operation)	-40°C~105°C
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## Accessories

### Accessories

Bridge

K24

## Business data

Order number	12020000280
Packing unit	270
Minimum order quantity	/
Products weight (without packaging)	15