

## Overview

### Product information



### DG1450-B-10(H)-12010000436

Single-layer PCB barrier terminal blocks, Rated current: 50A. Rated voltage (UL) : 300V, Cross section: 22~8AWG, pitch: 14.5mm, Color: black, Contact surface: Tin

### Product advantages

- ☒ Screw connection for worldwide use
- ☒ Fence type wiring structure, stable and reliable connection
- ☒ High current electrical connections at the power end can be met

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

AWG

22~8AWG

### Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (C)

300V

Rated voltage (D)

300V

Rated current (B)

50A

Rated current (D)	10A
Rated current (C)	50A

#### 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	M5
Pitch	14.5mm
Number of potentials	6
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	PBT
Insulating material group	IIIa
Flammability rating	UL94V-0

#### Mechanical tests

Test Specification	UL1059
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#### Environmental data

Ambient temperature (operation)	-40°C~125°C(depending on derating curve)
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#### Accessories

Accessories

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Business data

Order number	12010000436
Packing unit	10
Minimum order quantity	/
Products weight (without packaging)	95.6