

## Overview

### Product information



## DG78R-B-12040000257

Single-layer PCB barrier terminal blocks, Rated current:40A. Rated voltage (UL) :600V, Cross section: 18-10AWG, pitch: 13.00mm, 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

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### Processing notes

Process	Wave soldering/manual soldering
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### Connection capacity

AWG	18~10AWG
Torque	1.2N.m

### Electrical parameters UL

Rated voltage (B)	600V
Rated voltage (C)	600V
Rated voltage (D)	600V

Rated current (B)	40A
Rated current (D)	5A
Rated current (C)	40A

#### Electrical parameters IEC

Rated current	1000V
	41A

#### Item properties

Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	slotted-philips screwdriver
screw thread	M4
Pitch	13mm
Number of potentials	3
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	II
Flammability rating	UL94V-0

#### Mechanical tests

Test Specification	UL1059
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## Environmental data

Ambient temperature (operation)

-40°C~105°C

## Accessories

### Accessories

## Business data

Order number	12040000257
Packing unit	230
Minimum order quantity	/
Products weight (without packaging)	12.5