

## Overview

### Product information



## DG381-THR-3.81-10040002116

PCB terminal blocks, Rated current: 13.5A, Rated voltage (III/2) 200V, Cross section: 0.2~1.5mm<sup>2</sup>, pitch: 3.81mm, connector method: Screw connector with tension sleeve, Color: black, Contact surface : Tin

### Product advantages

- ☒ Universal installation method to ensure a high degree of flexibility in device design
- ☒ Suitable for SMT welding process
- ☒ Fixed screw connection technology, safe and reliable

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Reflow soldering/wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~1.5mm<sup>2</sup>

Conductor cross section flexible

0.2~1.5mm<sup>2</sup>

AWG

30~16AWG

Torque

0.2N.m

Strip length

5mm

### Electrical parameters UL

Rated voltage (B)	150V
Rated current (B)	10A

#### Electrical parameters IEC

Rated voltage	200V
Rated voltage(III/3)	63V
Rated current	13.5A
Rated voltage(III/2)	200V
Rated voltage(II/2)	200V
Rated surge voltage(III/3)	2.5KV
Rated surge voltage(III/2)	2.5KV
Rated surge voltage(II/2)	2.5KV

#### Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M2
Pitch	3.81mm
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	High temperature resistant materials
Insulating material group	IIIa
Flammability rating	UL94V-0

#### Mechanical tests

Test Specification	IEC60947/UL1059
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#### Environmental data

Ambient temperature (operation)	-40°C~130°C(depending on derating curve)
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### Accessories

#### Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

#### Tool

Operating tool	/
Screwdriver	0.4x2.5mm, Slotted screwdriver

### Business data

Order number	10040002116
Packing unit	1500
Minimum order quantity	30
Products weight (without packaging)	1.06

