

## Overview

### Product information



## DG381S-HV-3.5-10040007488

PCB terminal blocks, Rated current: 10A, Rated voltage (III/2) 200V, Cross section: 0.2-1.5mm<sup>2</sup>, Pitch: 3.5mm, connectoon method: Screw connector with tension sleeve, Color: green, Contact surface :Tin

### Product advantages

- ☑ Universal installation method to ensure a high degree of flexibility in device design
- ☑ 45°connection can realize multi-row layout on PCB
- ☑ Fixed screw connection technology,safe and reliable
- ☑ Meet the UL D grade 300V

### Product certification



## Technical data

### Product drawing

### 3D model

### Processing notes

Process

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

26~16AWG

Torque

0.2N.m

Strip length

5mm

### Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	10A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	200V
Rated voltage(III/3)	160V
Rated current	10A
Rated voltage(III/2)	200V
Rated voltage(II/2)	400V
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	45°
Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M2
Pitch	3.5mm
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	IEC60947/UL1059
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#### Environmental data

Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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#### Accessories

##### tool

screw driver	0.4x2.5mm, Slotted screwdriver
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#### Business data

Order number	10040007488
Packing unit	500
Minimum order quantity	
Products weight (without packaging)	1.07