

Overview

Product information



PS10-PE-10040003608

PCB terminal blocks, Rated current: 57A, Rated voltage (III/2) 450V, Cross section: 10mm², pitch: 10.0mm, connector method: Screw connector with tension sleeve, Color: green-yellow, Contact surface : Tin

Product advantages

- ☒ Fixed screw connection technology, safe and reliable
- ☒ Double solder pins reduce mechanical stress on the solder joints
- ☒ Easy potential distribution

Product certification



Technical data

Product drawing

3D model

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Processing notes

Process

Wave soldering/manual soldering

Connection capacity

Conductor cross section solid

0.2~10mm²

Conductor cross section flexible

0.2~10mm²

AWG

24~6AWG

Torque

1.2N.m

Strip length

13mm

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (C)	300V
Rated voltage (D)	600V
Rated current (B)	70A
Rated current (D)	10A
Rated current (C)	70A

Electrical parameters IEC

Rated voltage	450V
Rated current	57A
Rated voltage(III/2)	450V
Rated power frequency voltage(1min)	2.5KV

Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M4
Pitch	10mm
Number of potentials	1
Pluggable or not	no
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	copper

Contact point metal surface	tin-plated
Insulation Materials	PA66
Insulating material group	I
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059/IEC60998
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Environmental data

Ambient temperature (operation)	-40℃~105℃(depending on derating curve)
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Accessories

tool

screwdriver	0.8x4.0mm,Slotted screwdriver
Operating tool	/

Accessories

Coding strip	/
Marking strip	/
Bridge	/
Other	/

Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

Tool

Operating tool	/
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Screwdriver

0.8x4.0mm, Slotted screwdriver

Business data

Order number	10040003608
Packing unit	60
Minimum order quantity	
Products weight (without packaging)	16.3