

Overview

Product information

**PS10-10040002264**

PCB terminal blocks, Rated current: 57A, Rated voltage (III/2) 450V, Cross section: 0.2-10mm², pitch: 10.0mm, connector method: Screw connector with tension sleeve, Color: green, 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

[□](#)

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) | 5A |
| 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 |
|--------------------|-----------------|

Environmental data

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

Accessories

Accessories

| | |
|---------------|---|
| Coding strip | / |
| Bridge | / |
| Marking strip | / |
| Others | / |

Tool

| | |
|----------------|--------------------------------|
| Operating tool | / |
| Screwdriver | 0.8x4.0mm, Slotted screwdriver |

Business data

| | |
|-------------------------------------|-----------------|
| Order number | 10040002264 |
| Packing unit | 60 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 22.666666666667 |

