

Overview

Product information

**DG127A-5.0-10040002917**

PCB terminal blocks, Rated current: 15A, Rated voltage (III/2) 250V, Cross section: 0.5~1.5mm², pitch: 5.0mm, connector method: Screw connector with tension sleeve, Color: green, Contact surface : Tin

Product advantages

- ☒ Universal connection method to ensure a high degree of flexibility in device design
- ☒ Multi-layer wire connection can achieve higher contact density
- ☒ Different poles can be combined through the side lock

Product certification



Technical data

Product drawing

3D model

□

Processing notes

Process

Wave soldering/manual soldering

Connection capacity

Conductor cross section solid

0.5~1.5mm²

Conductor cross section flexible

0.5~1.5mm²

AWG

26~14AWG

Torque

0.5N.m

Strip length

6mm

Electrical parameters UL

| | |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 12A |
| Rated current (D) | 10A |

Electrical parameters IEC

| | |
|----------------------------|------|
| Rated voltage | 250V |
| Rated current | 15A |
| Rated voltage(III/2) | 250V |
| Rated surge voltage(III/2) | 2KV |

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 | M3 |
| Pitch | 5mm |
| Number of potentials | 4 |
| Pluggable or not | no |
| Number of rows | 2 |

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 | UL1059/IEC60998 |
| Environmental data | |
| Ambient temperature (operation) | -40°C~105°C (depending on derating curve) |

| | |
|----------------|--------------------------------|
| Accessories | |
| Accessories | |
| Coding strip | / |
| Bridge | DG019-5.0, DG042-5.08 |
| Marking strip | / |
| Others | / |
| Tool | |
| Operating tool | / |
| Screwdriver | 0.6x3.5mm, Slotted screwdriver |

| | |
|-------------------------------------|-------------|
| Business data | |
| Order number | 10040002917 |
| Packing unit | 880 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 4.51 |