

Overview

Product information



DG140S-5.0-10030003076

PCB terminal blocks, Rated current: 24A, Rated voltage (III/2) 630V, Cross section: 2.5mm², pitch: 5.0mm, connector method: Quick plug connector, Color: Orange, Contact surface: Tin

Product advantages

- ☒ Quick plug-in connection, fast wiring
- ☒ 45° connection can realize multi-row layout on PCB
- ☒ Universal installation method to ensure a high degree of flexibility in device design

Product certification

Technical data

Product drawing

3D model

Processing notes

Process

Wave soldering/manual soldering

Connection capacity

Conductor cross section solid

0.5~2.5mm²

Conductor cross section flexible

0.5~2.5mm²

AWG

26~14AWG

Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

Rated current (B)

15A

| | |
|-------------------|-----|
| Rated current (D) | 10A |
|-------------------|-----|

Electrical parameters IEC

| | |
|-------------------------------------|------|
| Rated voltage | 630V |
| Rated current | 24A |
| Rated voltage(III/2) | 630V |
| Rated power frequency voltage(1min) | 3KV |

Item properties

| | |
|----------------------|-------------------------------|
| Connection direction | 45° |
| Type of installation | PCB welding |
| Pin arrangement | Double-row in a straight line |
| Connection method | Quick connection |
| Pitch | 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-2 |

Mechanical tests

| | |
|--------------------|----------|
| Test Specification | IEC60998 |
|--------------------|----------|

Environmental data

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -40°C~85°C(depending on derating curve) |
|---------------------------------|---|

Accessories

Accessories

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

Tool

| | |
|----------------|---|
| Operating tool | / |
| Screwdriver | / |

Business data

| | |
|-------------------------------------|-------------|
| Order number | 10030003076 |
| Packing unit | #N/A |
| Minimum order quantity | 30 |
| Products weight (without packaging) | #N/A |