

Overview

Product information



DG381-THR-3.5-10040002112

PCB terminal blocks, Rated current: 13.5A, Rated voltage (III/2) 200V, Cross section: 0.2-1.5mm², pitch: 3.5mm, connector method: Screw connector with tension sleeve, Color: black, Contact surface : Tin

Product advantages

- Universal installation method to ensure a high degree of flexibility in device design
- Suitable for SMT welding process
- Fixed screw connection technology, safe and reliable

Product certification



Technical data

Product drawing

3D model

□

Processing notes

| | |
|---------|--|
| Process | Reflow soldering/wave soldering/manual soldering |
|---------|--|

Connection capacity

| | |
|----------------------------------|------------------------|
| Conductor cross section solid | 0.2~1.5mm ² |
| Conductor cross section flexible | 0.2~1.5mm ² |
| AWG | 30~16AWG |
| Torque | 0.2N.m |
| Strip length | 5mm |

Electrical parameters UL

| | |
|-------------------|------|
| Rated voltage (B) | 150V |
| Rated current (B) | 10A |

Electrical parameters IEC

| | |
|----------------------------|-------|
| Rated voltage | 200V |
| Rated current(III/3) | 63V |
| Rated current | 13.5A |
| Rated current(III/2) | 200V |
| Rated current(II/2) | 200V |
| 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 | 0° |
| 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 | High temperature resistant materials |
| Insulating material group | IIIa |
| Flammability rating | UL94V-0 |

Mechanical tests

| | |
|--------------------|-----------------|
| Test Specification | IEC60947/UL1059 |
|--------------------|-----------------|

Environmental data

| | |
|---------------------------------|-------------|
| Ambient temperature (operation) | -40°C~130°C |
|---------------------------------|-------------|

Accessories

Accessories

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

Tool

| | |
|----------------|--------------------------------|
| Operating tool | / |
| Screwdriver | 0.4x2.5mm, Slotted screwdriver |

Business data

| | |
|-------------------------------------|-------------|
| Order number | 10040002112 |
| Packing unit | 1500 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 1.03 |

