

Overview

Product information



DG166-5.0-10050000351

PCB terminal blocks, Rated current: 22A, Rated voltage (III/2) 250V, Cross section: 2.5mm², pitch: 5.0mm, connector method: screw connector with wire protection, Color: green, Contact surface : Tin

Product advantages

- Fixed screw connection technology, safe and reliable
- Square wiring hole, large wiring capacity
- 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 | 1.0~2.5mm ² |
| Conductor cross section flexible | 1.0~2.5mm ² |
| AWG | 22~12AWG |
| Torque | 0.5N.m |
| Strip length | 7mm |

Electrical parameters UL

| | |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 15A |
| Rated current (D) | 10A |

Electrical parameters IEC

| | |
|----------------------------|------|
| Rated voltage | 250V |
| Rated current | 22A |
| Rated current(III/2) | 250V |
| Rated surge voltage(III/2) | 2KV |

Item properties

| | |
|----------------------|---------------------------------------|
| Connection direction | 0° |
| Type of installation | PCB welding |
| Pin arrangement | Single row in a straight line |
| Connection method | Screw connection with wire protection |
| Screwdriver | Slotted screwdriver |
| screw thread | M3 |
| 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-0 |

Mechanical tests

| | |
|--------------------|-----------------|
| Test Specification | UL1059/IEC60998 |
|--------------------|-----------------|

Environmental data

| | |
|---------------------------------|-------------|
| Ambient temperature (operation) | -40°C~105°C |
|---------------------------------|-------------|

Accessories

Accessories

| | |
|---------------|-----------|
| Coding strip | / |
| Bridge | DG019-5.0 |
| Marking strip | / |
| Others | / |

Tool

| | |
|----------------|--------------------------------|
| Operating tool | / |
| Screwdriver | 0.6x3.5mm, Slotted screwdriver |

Business data

| | |
|-------------------------------------|-------------|
| Order number | 10050000351 |
| Packing unit | 200 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 2.281 |