

Overview

Product information



DG125-5.08-10040002485

PCB terminal blocks, Rated current: 18A, Rated voltage (III/2) 320V, Cross section: 2.5mm², pitch: 5.08mm, connectoon method: Screw connector with tension sleeve, Color: green, Contact surface : Tin

Product advantages

- ☒ Universal installation method to ensure a high degree of flexibility in device design
- ☒ 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

0.5~2.5mm²

Conductor cross section flexible

0.5~2.5mm²

AWG

26~12AWG

Torque

0.4N.m

Strip length

6mm

Electrical parameters UL

| | |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 16A |
| Rated current (D) | 10A |

Electrical parameters IEC

| | |
|----------------------------|------|
| Rated voltage | 320V |
| Rated voltage(III/3) | 250V |
| Rated current | 18A |
| Rated voltage(III/2) | 320V |
| Rated voltage(II/2) | 630V |
| Rated surge voltage(III/3) | 4KV |
| Rated surge voltage(III/2) | 4KV |
| Rated surge voltage(II/2) | 4KV |

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 | M2.5 |
| Pitch | 5.08mm |
| 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 | IEC60947/UL1059 |
|--------------------|-----------------|

Environmental data

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

Accessories

Tool

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

Accessories

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

Business data

| | |
|------------------------|-------------|
| Order number | 10040002485 |
| Packing unit | 500 |
| Minimum order quantity | |

| | |
|-------------------------------------|-------|
| Products weight (without packaging) | 2.578 |
|-------------------------------------|-------|