

Overview

Product information



DG242R-5.0-10060001127

PCB spring terminal blocks, Rated current: 17A. Rated voltage (III/2) : 450V, pitch: 5.0mm, Color: gray, Contact surface : Tin

Product advantages

- Cage clamp connection technology, fast wiring
- Different poles can be combined through the side lock
- 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

0.2~2.5mm²

Conductor cross section flexible

0.2~2.5mm²

AWG

28~12AWG

Strip length

6mm

Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

| | |
|-------------------|-----|
| Rated current (B) | 15A |
| Rated current (D) | 10A |

Electrical parameters IEC

| | |
|-------------------------------------|-------|
| Rated voltage | 450V |
| Rated current | 17A |
| Rated current(III/2) | 450V |
| Rated power frequency voltage(1min) | 2.5KV |

Item properties

| | |
|----------------------|-------------------------------|
| Connection direction | 0° |
| Type of installation | PCB welding |
| Pin arrangement | Double-row in a straight line |
| Connection method | spring-cage 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-0 |

Mechanical tests

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

Environmental data

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

Accessories

Accessories

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

Tool

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

Business data

| | |
|-------------------------------------|-------------|
| Order number | 10060001127 |
| Packing unit | 200 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 2.47 |