

Overview

Product information



DG2206S-7.5-DB-10060008414

PCB terminal blocks, Rated current: 41A, Rated voltage (III/2) : 1000V, Cross section: 6mm², Pitch: 7.5mm, Connection method: Push-in spring connection, Color: Green, Contact surface: Tin

Product advantages

- ☒ Push-in spring connection, excellent anti-vibration performance, tool-free.
- ☒ Dual-Lever Spring patented technology, easy and comfortable operation.
(Chinese patent for Utility Model, patent application number ZL201921625513.6)
- ☒ Levers status is optional (open/close), suitable for multi-core cable.

Product certification



Technical data

Product drawing

3D model

□

Processing notes

Process

Wave soldering/manual soldering

Connection capacity

Conductor cross section solid

0.2~10mm²

Conductor cross section flexible

0.2~10mm²

AWG

22~8AWG

Strip length

12mm

Electrical parameters UL

| | |
|-------------------|------|
| Rated voltage (B) | 600V |
| Rated voltage (C) | 600V |
| Rated current (B) | 41A |
| Rated current (C) | 41A |

Electrical parameters IEC

| | |
|----------------------------|-------|
| Rated voltage | 1000V |
| Rated voltage(III/3) | 800V |
| Rated current | 41A |
| Rated voltage(III/2) | 1000V |
| Rated voltage(II/2) | 1000V |
| Rated surge voltage(III/3) | 8KV |
| Rated surge voltage(III/2) | 8KV |
| Rated surge voltage(II/2) | 8KV |

Item properties

| | |
|----------------------|----------------------------|
| Type of installation | PCB welding |
| Pin arrangement | Double-row of misalignment |
| Connection method | Push-in spring connection |
| Pitch | 7.5mm |
| Number of potentials | 2 |
| Pluggable or not | no |
| Number of rows | 1 |

Material data

| | |
|-----------------------------|---------------------------|
| Environmental items | Compliant with REACH/RoHS |
| Contact material | copper |
| Contact point metal surface | tin-plated |

| | |
|---------------------------|---------|
| Insulation Materials | PA66 |
| Insulating material group | I |
| Flammability rating | UL94V-0 |

Mechanical tests

| | |
|--------------------|------------------|
| Test Specification | IEC60947/UL 1059 |
|--------------------|------------------|

Environmental data

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

Accessories

Business data

| | |
|-------------------------------------|-----------------|
| Order number | 10060008414 |
| Packing unit | 220 |
| Minimum order quantity | |
| Products weight (without packaging) | 13.636363636364 |