

## Overview

### Product information



## DG2206S-7.5-10060008392

PCB terminal blocks, Rated current: 41A, Rated voltage (III/2) : 1000V, Cross section: 6mm<sup>2</sup>, 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

0.2~10mm<sup>2</sup>

Conductor cross section flexible

0.2~10mm<sup>2</sup>

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 in a straight line |
| Connection method    | Push-in spring connection     |
| Pitch                | 7.5mm                         |
| Number of potentials | 1                             |
| 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                        | 10060008392 |
| Packing unit                        | 300         |
| Minimum order quantity              |             |
| Products weight (without packaging) | 7.5         |