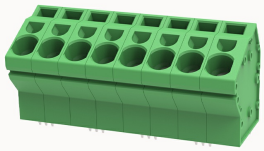
## Overview

### Product information



# DG271S-10.0-DA-10060011418

PCB spring terminal blocks,Rated current:76A.Rated voltage（III/2）:1000V,pitch:5.0mm,Color:green,Contact surface :Tin

### Product advantages

☑ PUSH-IN connection technology, fast wiring
☑ Different poles can be combined through the side lock
☑ Universal installation method, suitable for various situations

### Product certification

## Technical data

### Product drawing

### 3D model

### Processing notes

| | |
|---|---|
| Process | Wave soldering/manual soldering |

### Connection capacity

| | |
|---|---|
| Conductor cross section solid | 0.2~4mm² |
| Conductor cross section flexible | 0.2~2.5mm² |
| AWG | 24~12AWG |
| Strip length | 10mm |

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 600V |
| Rated voltage (C) | 600V |

| | |
|---|---|
| Rated voltage (D) | 600V |
| Rated current (B) | 20A |
| Rated current (D) | 10A |

Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 1000V |
| Rated voltage(III/3) | 1000V |
| Rated current | 76A |
| 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 | 10mm |
| Number of potentials | 8 |
| Pluggable or not | no |
| Number of rows | 1 |

Material data

| | |
|---|---|
| Environmental items | Compliant with REACH/RoHS |
| Contact material | copper |
| Insulation Materials | High temperature resistant materials |

| | |
|---|---|
| Insulating material group | I |
| Flammability rating | UL94V-0 |

Mechanical tests

| | |
|---|---|
| Test Specification | IEC60947/UL1059 |

Environmental data

| | |
|---|---|
| Ambient temperature (operation) | -40℃~120℃(depending on derating curve) |

## Accessories

## Business data

| | |
|---|---|
| Order number | 10060011418 |
| Packing unit | 30 |
| Minimum order quantity | |
| Products weight (without packaging) | 74.729 |