

## Overview

### Product information



## DG380-3.81-10040001343

PCB terminal blocks, Rated current: 16A, Rated voltage (III/2) 200V, Cross section: 1.5mm<sup>2</sup>, pitch: 3.81mm, connector method: Screw connector with tension sleeve, Color: green, Contact surface : Tin

### Product advantages

- ☒ Fixed screw connection technology, safe and reliable
- ☒ 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

0.2~1.5mm<sup>2</sup>

Conductor cross section flexible

0.2~1.5mm<sup>2</sup>

AWG

30~14AWG

Torque

0.2N.m

Strip length

6mm

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 12A  |
| Rated current (D) | 10A  |

Electrical parameters IEC

|                            |       |
|----------------------------|-------|
| Rated voltage              | 200V  |
| Rated voltage(III/3)       | 250V  |
| Rated current              | 16A   |
| Rated voltage(III/2)       | 200V  |
| Rated voltage(II/2)        | 500V  |
| Rated surge voltage(III/3) | 2.5KV |
| Rated surge voltage(III/2) | 2.5KV |
| Rated surge voltage(II/2)  | 2.5KV |

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                            |
| Pitch                | 3.81mm                        |
| 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

#### Accessories

|               |            |
|---------------|------------|
| Coding strip  | /          |
| Bridge        | DG032-3.81 |
| Marking strip | /          |
| Others        | /          |

#### Tool

|                |                                |
|----------------|--------------------------------|
| Operating tool | /                              |
| Screwdriver    | 0.4x2.5mm, Slotted screwdriver |

### Business data

|                        |             |
|------------------------|-------------|
| Order number           | 10040001343 |
| Packing unit           | 500         |
| Minimum order quantity | 30          |

|                                     |      |
|-------------------------------------|------|
| Products weight (without packaging) | 1.17 |
|-------------------------------------|------|