

## Panoramica

### Informazioni sul prodotto



## DG381S-HV-3.5-10040007488

PCB terminal blocks, Rated current: 10A, Rated voltage (III/2) 200V, Cross section: 0.2-1.5mm<sup>2</sup>, Pitch: 3.5mm, connectoon method: Screw connector with tension sleeve, Color: green, Contact surface :Tin

### Vantaggi del prodotto

- ☒ Universal installation method to ensure a high degree of flexibility in device design
- ☒ 45° connection can realize multi-row layout on PCB
- ☒ Fixed screw connection technology, safe and reliable
- ☒ Meet the UL D grade 300V

### Certificazione del prodotto



## Dati tecnici

### Disegno del prodotto

### Modello 3D

□

### 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

26~16AWG

Torque

0.2N.m

Strip length

5mm

### Electrical parameters UL

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

Electrical parameters IEC

|                            |       |
|----------------------------|-------|
| Rated voltage              | 200V  |
| Rated current(III/3)       | 160V  |
| Rated current              | 10A   |
| Rated current(III/2)       | 200V  |
| Rated current(II/2)        | 400V  |
| 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 | 45°                           |
| Type of installation | PCB welding                   |
| Pin arrangement      | Single row in a straight line |
| Connection method    | Screw connection              |
| Screwdriver          | Slotted screwdriver           |
| screw thread         | M2                            |
| Pitch                | 3.5mm                         |
| 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 | IEC60947/UL1059 |
|--------------------|-----------------|

Environmental data

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

Accessori

tool

|              |                                |
|--------------|--------------------------------|
| screw driver | 0.4x2.5mm, Slotted screwdriver |
|--------------|--------------------------------|

Dati aziendali

|                                       |             |
|---------------------------------------|-------------|
| numero d'ordine                       | 10040007488 |
| Unità di imballaggio                  | 500         |
| Quantità di ordine minimo             |             |
| Peso dei prodotti (senza imballaggio) | 1.07        |