

종람

#### 제품 장점



# DG381S-HV-3.5-10040007488

PCB terminal blocks, Rated current: 10A, Rated voltage (III/2) 200V, Cross section: 0.2-1.5mm², Pitch: 3.5mm, connectoon method: Screw connector with tension sleeve, Color: green, Contact surface: Tin

제품 장점

- $\ensuremath{\square}$  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

제품 인증



#### 기술 데이터

제품 도면

3D

#### Processing notes

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

#### Connection capacity

| Conductor cross section solid    | 0.2~1.5mm² |
|----------------------------------|------------|
| Conductor cross section flexible | 0.2~1.5mm² |
| 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               |

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

| 비즈니스 데이터      |             |
|---------------|-------------|
| 발주 번호         | 10040007488 |
| 포장 단위         | 500         |
| MOQ           |             |
| 제품 무계 (포장 제외) | 1.07        |