

## Visión general

### Información del Producto



### DG212V-THR-3.5-10060007914

PCB terminal blocks, Rated current: 17.5A, Rated voltage (III/2) : 200V, Cross section: 1.5mm<sup>2</sup>, Pitch: 3.5mm, Connection method: Push-in spring connection, Color: Black, Contact surface: Tin

### Ventajas del producto

- ☒ PUSH-IN spring connection, fast wiring
- ☒ high temperature resistant materials of housing, suitable for SMT process
- ☒ The operation and wiring direction are on the same side, so that the connector can be integrated into the front of the equipment to save space

### Certificación del producto



## Datos técnicos

### Dibujo del producto

### Modelo 3D

□

### Processing notes

Process

Reflow soldering/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

28~14AWG

Strip length

8mm

### 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 current(III/3)       | 200V  |
| Rated current              | 17.5A |
| Rated current(III/2)       | 200V  |
| Rated current(II/2)        | 320V  |
| 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 | 90°                           |
| Type of installation | PCB welding                   |
| Pin arrangement      | Double-row in a straight line |
| Connection method    | Push-in spring connection     |
| 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        | High temperature resistant materials |
| Insulating material group   | I                                    |
| Flammability rating         | UL94V-0                              |

Mechanical tests

|                    |                  |
|--------------------|------------------|
| Test Specification | IEC60947/UL 1059 |
|--------------------|------------------|

Environmental data

|                                 |             |
|---------------------------------|-------------|
| Ambient temperature (operation) | -40°C~130°C |
|---------------------------------|-------------|

Accesorios

Datos empresariales

|                                  |             |
|----------------------------------|-------------|
| Número de pedido                 | 10060007914 |
| Unidad de embalaje               | 3000        |
| Cantidad mínima de pedido        |             |
| Peso del producto (sin embalaje) | 1           |