

## Overview

### Product information



### 15EDGVHBN-THR-3.5-10030003409

Pluggable Terminal Blocks nominal current 7A. Rated voltage (II/2): 250V, pitch: 3.5mm, Color: black, Contact surface: Tin

### Product advantages

- ☒ Suitable for SMT welding process
- ☒ Universal installation method to ensure a high degree of flexibility in device design
- ☒ Multi-layer wire connection can achieve higher contact density

### Product certification

## Technical data

### Product drawing

### 3D model

□

### Processing notes

Process

Reflow soldering/wave soldering/manual soldering

### Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

Rated current (B)

8A

Rated current (D)

8A

### Electrical parameters IEC

Rated voltage

160V

Rated voltage(III/3)

160V

Rated current

8A

|                            |       |
|----------------------------|-------|
| Rated voltage(III/2)       | 160V  |
| Rated voltage(II/2)        | 250V  |
| 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 |
| Pitch                | 3.5mm                         |
| Number of potentials | 4                             |
| Pluggable or not     | Yes                           |
| Number of rows       | 2                             |

#### Material data

|                             |                                      |
|-----------------------------|--------------------------------------|
| Environmental items         | Compliant with REACH/RoHS            |
| Contact material            | copper                               |
| Contact point metal surface | tin-plated                           |
| Insulation Materials        | High temperature resistant materials |
| Insulating material group   | IIIa                                 |
| Flammability rating         | UL94V-0                              |

#### Mechanical tests

|                    |                  |
|--------------------|------------------|
| Test Specification | IEC61984/ UL1059 |
|--------------------|------------------|

#### Environmental data

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Ambient temperature (operation) | -40℃~130℃(depending on derating curve) |
|---------------------------------|----------------------------------------|

|                |           |
|----------------|-----------|
| Accessories    |           |
| Tool           |           |
| Screwdriver    | /         |
| Operating tool | /         |
| Accessories    |           |
| Coding strip   | /         |
| Bridge         | /         |
| Marking strip  | /         |
| Others         | 15EDG-PWI |

|                                     |             |
|-------------------------------------|-------------|
| Business data                       |             |
| Order number                        | 10030003409 |
| Packing unit                        |             |
| Minimum order quantity              |             |
| Products weight (without packaging) |             |