

## Overview

### Product information



**5EDGB-7.62-10060008653**

Pluggable terminal blocks, Rated current: 41A. Rated voltage  
(III/2) : 800V, pitch: 7.62mm, Color: Green, Contact surface : Tin

### Product advantages

- ☒ Well-known mounting principle allows worldwide use
- ☒ Can be connected to 5EDGKHR-7.62, 5EDGV/RHC-7.62 series connectors to meet diverse connection needs
- ☒ Adopting a high protection design, providing anti touch protection for device output or PCB to PCB connections
- ☒ Keying parts can be installed

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Packaging information

Type of packaging

box-packed

### Processing notes

Process

Wave soldering/manual soldering

### Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (C)

300V

Rated voltage (D)

600V

Rated current (B)

41A

|                   |     |
|-------------------|-----|
| Rated current (D) | 5A  |
| Rated current (C) | 41A |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 800V |
| Rated voltage(III/3)       | 630V |
| Rated current              | 41A  |
| Rated voltage(III/2)       | 800V |
| Rated voltage(II/2)        | 800V |
| Rated surge voltage(III/3) | 4KV  |
| Rated surge voltage(III/2) | 4KV  |
| Rated surge voltage(II/2)  | 4KV  |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 90°                           |
| Type of installation | PCB welding                   |
| Pin arrangement      | Three rows in a straight line |
| Pitch                | 7.62mm                        |
| Number of potentials | 2                             |
| Pluggable or not     | Yes                           |
| Number of rows       | 1                             |

#### Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | copper                    |
| Contact zone metal surface  | tin-plated                |
| Insulation Materials        | PA66                      |
| Relative tracking index CTI | 600V                      |

|                                     |         |
|-------------------------------------|---------|
| Glow Wire Flammability Index GWFI   | 850     |
| Glow wire ignition temperature GWIT | 750     |
| Ball pressure test temperature      | 125℃    |
| Shell color                         | green   |
| Insulating material group           | I       |
| Flammability rating                 | UL94V-0 |

#### Mechanical tests

|                    |                 |
|--------------------|-----------------|
| Test Specification | UL1059/IEC60998 |
|--------------------|-----------------|

#### Environmental data

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Ambient temperature (operation) | -40℃~105℃(depending on derating curve) |
|---------------------------------|----------------------------------------|

### Accessories

#### Tool

|                |   |
|----------------|---|
| Screwdriver    | / |
| Operating tool | / |

#### Accessories

|               |          |
|---------------|----------|
| Coding strip  | 5EDG-PWI |
| Bridge        | /        |
| Marking strip | /        |
| Others        | /        |

### Business data

|                        |             |
|------------------------|-------------|
| Order number           | 10060008653 |
| Packing unit           | 590         |
| Minimum order quantity |             |

|                                     |      |
|-------------------------------------|------|
| Products weight (without packaging) | 5.69 |
|-------------------------------------|------|