

## Overview

### Product information



**9EDGRN-5.08-10020007144**

Pluggable terminal blocks, Rated current: 16A. Rated voltage  
(III/2) : 160V, pitch: 5.08mm, Color: green, Contact surface : Tin

### Product advantages

- ☒ PCB welding base
- ☒ Flexible supporting a variety of plugs

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Packaging information

Type of packaging

Plastic tray

### Processing notes

Process

Wave soldering/manual soldering

### Electrical parameters UL

Rated voltage (B)

300V

Rated voltage (D)

300V

Rated current (B)

14.5A

Rated current (D)

10A

### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated voltage              | 160V |
| Rated voltage(III/3)       | 160V |
| Rated current              | 16A  |
| Rated voltage(III/2)       | 160V |
| Rated voltage(II/2)        | 320V |
| Rated surge voltage(III/3) | 4KV  |
| Rated surge voltage(III/2) | 4KV  |
| Rated surge voltage(II/2)  | 4KV  |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Type of installation | PCB welding                   |
| Pin arrangement      | Single row in a straight line |
| Pitch                | 5.08mm                        |
| Number of potentials | 5                             |
| Pluggable or not     | Yes                           |
| Number of rows       | 1                             |

#### Material data

|                                   |                           |
|-----------------------------------|---------------------------|
| Environmental items               | Compliant with REACH/RoHS |
| Contact material                  | Copper alloy              |
| Contact zone metal surface        | tin-plated                |
| Insulation Materials              | PBT                       |
| Relative tracking index CTI       | 400V                      |
| Glow Wire Flammability Index GWFI | 850                       |
| Shell color                       | Black                     |
| Insulating material group         | IIIa                      |
| Flammability rating               | UL94V-0                   |

Mechanical tests

Test Specification

IEC61984/ UL1059

Environmental data

Ambient temperature (operation)

-30°C~120°C(depending on derating curve)

Accessories

Tool

Screwdriver

/

Operating tool

/

Accessories

Coding strip

/

Bridge

/

Marking strip

/

Others

/

Business data

Order number

10020007144

Packing unit

290

Minimum order quantity

290

Products weight (without packaging)

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