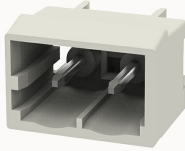


## Overview

## Product information

**8EDGRC-5.0-10030002742**

Pluggable terminal blocks, Rated current: 20A. Rated voltage  
(III/3) : 320V, pitch: 5.0mm, Color: gray, Contact surface : Tin

## Product advantages

- ✓ Universal installation method to ensure a high degree of flexibility in device design
- ✓ The plug direction is parallel to the PCB

## Product certification



## Technical data

## Product drawing

## 3D model

[□](#)

## Processing notes

Process

Wave soldering/manual soldering

## Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 15A  |
| Rated current (D) | 10A  |

## Electrical parameters IEC

|                      |      |
|----------------------|------|
| Rated voltage        | 320V |
| Rated voltage(III/3) | 320V |

|                            |     |
|----------------------------|-----|
| Rated current              | 20A |
| Rated surge voltage(III/3) | 4KV |

Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 0°                            |
| Type of installation | PCB welding                   |
| Pin arrangement      | Single row in a straight line |
| Pitch                | 5mm                           |
| Number of potentials | 2                             |
| Pluggable or not     | Yes                           |
| Number of rows       | 1                             |

Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | copper                    |
| Contact point metal surface | tin-plated                |
| Contact zone metal surface  | tin-plated                |
| Insulation Materials        | PA66                      |
| Insulating material group   | I                         |
| Flammability rating         | UL94V-0                   |

Mechanical tests

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

Environmental data

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

Accessories

|      |
|------|
| Tool |
|------|

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

Accessories

|               |       |
|---------------|-------|
| Coding strip  | DG014 |
| Bridge        | /     |
| Marking strip | /     |
| Others        | /     |

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 10030002742 |
| Packing unit                        | #N/A        |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | #N/A        |