

## Overview

## Product information


**DG302-7.5-10050000212**

PCB terminal blocks, Rated current: 25A, Rated voltage (III/2) 450V, Cross section: 4mm<sup>2</sup>, pitch: 7.5mm, connector method: screw connector with wire protection, Color: green, Contact surface : Tin

## Product advantages

- Fixed screw connection technology, safe and reliable
- Square wiring hole, large wiring capacity
- Different poles can be combined through the side lock

## Product certification



## Technical data

## Product drawing

## 3D model

## Processing notes

Process

Wave soldering/manual soldering

## Connection capacity

Conductor cross section solid

 0.5~4mm<sup>2</sup>

Conductor cross section flexible

 0.5~4.0mm<sup>2</sup>

AWG

20~12AWG

Torque

0.5N.m

Strip length

6.5mm

## Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	20A
Rated current (D)	10A

#### Electrical parameters IEC

Rated voltage	450V
Rated current	25A
Rated current(III/2)	450V
Rated power frequency voltage(1min)	2.5KV

#### Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection with wire protection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	7.5mm
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	PA66

Insulating material group	I
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059/IEC60998
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Environmental data

Ambient temperature (operation)	-40°C~105°C
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Accessories

Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

Tool

Operating tool	/
Screwdriver	0.6x3.5mm, Slotted screwdriver

Business data

Order number	10050000212
Packing unit	#NA
Minimum order quantity	30
Products weight (without packaging)	#NA