

## Overview

### Product information



### DG636-HT-7.62-10040007699

PCB terminal blocks, Rated current: 32A, Rated voltage (III/2) : 630V, Cross section: 0.2-4mm<sup>2</sup>, Pitch: 7.62mm, Connection method: Screw connector with tension sleeve, Color: Green, Contact surface: Tin

### Product advantages

- ☒ Fixed screw connection technology, safe and reliable
- ☒ High torque specification of M3.5 screw, more stable torque used by customers
- ☒ Different poles can be combined through the side lock
- ☒ Universal installation method to ensure a high degree of flexibility in device design

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.2~6mm<sup>2</sup>

Conductor cross section flexible

0.2~4.0mm<sup>2</sup>

AWG

26~10AWG

Torque

1.2N.m

Strip length

8mm

### Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (C)	150V
Rated voltage (D)	300V
Rated current (B)	30A
Rated current (D)	10A
Rated current (C)	30A

#### Electrical parameters IEC

Rated voltage	630V
Rated voltage(III/3)	500V
Rated current	32A
Rated voltage(III/2)	630V
Rated voltage(II/2)	1000V
Rated surge voltage(III/3)	6KV
Rated surge voltage(III/2)	6KV
Rated surge voltage(II/2)	6KV

#### Item properties

Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	Phillips screwdriver
screw thread	M3.5
Pitch	7.62mm
Number of potentials	2
Pluggable or not	no
Number of rows	1

Material data

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

Mechanical tests

Test Specification	IEC60947/UL1059
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Environmental data

Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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Accessories

Business data

Order number	10040007699
Packing unit	20
Minimum order quantity	
Products weight (without packaging)	172.121