

Overview

Product information



DG103-5.08-10040004776

PCB terminal blocks, Rated current: 24A, Rated voltage (III/2) 250V, Cross section: 2.5mm², pitch: 5.08mm, connector method: Screw connector with tension sleeve, Color: green, Contact surface : Tin

Product advantages

- ☒ Universal installation method to ensure a high degree of flexibility in device design
- ☒ 45° connection can realize multi-row layout on PCB
- ☒ Different poles can be combined through the side lock

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

0.2~2.5mm²

Conductor cross section flexible

0.2~2.5mm²

AWG

24~12AWG

Torque

0.5N.m

Strip length

7mm

Electrical parameters UL

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

Electrical parameters IEC

Rated voltage	400V
Rated voltage(III/3)	250V
Rated current	24A
Rated voltage(III/2)	400V
Rated voltage(II/2)	630V
Rated surge voltage(III/3)	4KV
Rated surge voltage(III/2)	4KV
Rated surge voltage(II/2)	4KV

Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	5.08mm
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	IEC60947/UL1059
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Environmental data

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

tool

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

Accessories

Coding strip	/
Marking strip	/
Bridge	/
Other	/

Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

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

Business data	
Order number	10040004776
Packing unit	400
Minimum order quantity	
Products weight (without packaging)	2.73