Overview

Product information



DG307-5.0-10050000749

PCB terminal blocks,Rated current:18A,Rated voltage （III/2）250V,Cross section:2.5mm²,pitch:5.0mm,connector method:screw connector with wire protection,Color:green,Contact surface :Tin

Product advantages

☑ Fixed screw connection technology,safe and reliable
☑ 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	0.2~2.5mm²
Conductor cross section flexible	0.2~2.5mm²
AWG	22~14AWG
Torque	0.5N.m
Strip length	6mm

Electrical parameters UL

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

Electrical parameters IEC

Rated voltage	250V
Rated current	18A
Rated voltage(III/2)	250V
Rated surge voltage(III/2)	4KV

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	5mm
Number of potentials	3
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

Environmental data

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

Accessories

Accessories

Coding strip	/
Bridge	DG019-5.0
Marking strip	/
Others	/

Tool

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

Business data

Order number	10050000749
Packing unit	300
Minimum order quantity	30
Products weight (without packaging)	3.62