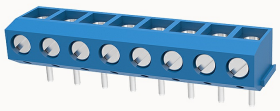
Overview

Product information



DG301R-5.0-10050000171

PCB terminal blocks,Rated current:17.5A,Rated voltage （III/2）250V,Cross section:1.5mm²,pitch:5.0mm,connector method:screw connector with wire protection,Color:blue,Contact surface :Tin

Product advantages

☑ Universal installation method to ensure a high degree of flexibility in device design
☑ 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	0.2~1.5mm²
Conductor cross section flexible	0.2~1.5mm²
AWG	22~14AWG
Torque	0.4N.m
Strip length	6mm

Electrical parameters UL

Rated voltage (B)	300V
Rated current (B)	15A

Electrical parameters IEC

Rated voltage	250V
Rated current	17.5A
Rated voltage(III/2)	250V
Rated surge voltage(III/2)	2KV

Item properties

Connection direction	90°
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	M2.5
Pitch	5mm
Number of potentials	8
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	PBT
Insulating material group	IIIb
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059/IEC60998

Environmental data

Ambient temperature (operation)	-30℃~120℃(depending on derating curve)

Accessories

Accessories

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

Tool

Operating tool	/
Screwdriver	0.5x3.0mm，Slotted screwdriver

Business data

Order number	10050000171
Packing unit	#N/A
Minimum order quantity	30
Products weight (without packaging)	#N/A