Overview

Product information



DG271R-10.0-DB-10060002582

PCB spring terminal blocks,Rated current:76A.Rated voltage（III/2）:1000V,pitch:10.0mm,Color:green,Contact surface :Tin

Product advantages

- ☑ PUSH-IN connection technology, fast wiring
- ☑ Different poles can be combined through the side lock
- ☑ Universal installation method, suitable for various situations

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Wave soldering/manual soldering

Connection capacity

Conductor cross section solid	0.2~16mm²
Conductor cross section flexible	0.2~16mm²
AWG	20~4AWG
Strip length	17mm

Electrical parameters UL

Rated voltage (B)	600V
Rated voltage (C)	600V

Rated voltage (D)	600V
Rated current (B)	70A
Rated current (D)	5A
Rated current (C)	70A

Electrical parameters IEC

Rated voltage	1000V
Rated voltage(III/3)	1000V
Rated current	76A
Rated voltage(III/2)	1000V
Rated voltage(II/2)	1000V
Rated surge voltage(III/3)	8KV
Rated surge voltage(III/2)	8KV
Rated surge voltage(II/2)	8KV

Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Double-row of misalignment
Connection method	Push-in spring connection
Pitch	10mm
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
Contact zone 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	/
Marking strip	/
Others	/

Tool

Operating tool	/
Screwdriver	/

Business data

Order number	10060002582
Packing unit	165
Minimum order quantity	30

Products weight (without packaging)	17.85