Overview

Product information



DGPS2.5R-5.0-10060008089

PCB terminal blocks，Rated current：20A，Rated voltage（III/2）：400V，Cross section：2.5mm²，Pitch：5.0mm，Connection method：PUSH-SNAP spring connection，Color：Green，Contact surface：Tin

Product advantages

☑ Innovative PUSH-SNAP spring connection technology, multiple types of wires could be quickly connected without tools，efficient and flexible installation；
☑ Terminal blocks are delivered with pre-opened spring，even the stripped flexible wires without ferrules could be directly inserted and PUSH to end, the spring will be triggered and clamp the wire，simple and convenient operation；
☑ Visual and auditory double feedback, customer can judge whether the connection is completed through the button position and clear "click" sound, safer to use.

Product certification

Technical data

Product drawing

3D model

Wiring data

Conductor cross section flexible (ferrule without plastic sleeve)	0.75-1.5mm²
Conductor cross section flexible (ferrule with plastic sleeve)	0.75-1.5mm²

Processing notes

Process	Wave soldering/manual soldering

Connection capacity

Conductor cross section solid	0.75~2.5mm²
Conductor cross section flexible	0.75~2.5mm²

AWG	18~14AWG
Strip length	9mm

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	15A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	400V
Rated voltage(III/3)	320V
Rated current	20A
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

Type of installation	PCB welding
Pin arrangement	Double-row of misalignment
Connection method	PUSH-SNAP spring connection
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

Business data

Order number	10060008089
Packing unit	
Minimum order quantity	
Products weight (without packaging)	3.5333