Overview

Product information



DG637-6.35-10040003873

PCB terminal blocks,Rated current: 32A,Rated voltage （III/2）630V,Cross section:0.2-4.0mm²,pitch:6.35mm,connector method:Screw connector with tension sleeve,Color:green,Contact surface :Tin

Product advantages

☑ Fixed screw connection technology,safe and reliable
☑ Different poles can be combined through the side lock
☑ Universal installation method to ensure a high degree of flexibility in device design

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Wave soldering/manual soldering

Connection capacity

Conductor cross section solid	0.2~6mm²
Conductor cross section flexible	0.2~4.0mm²
AWG	28~10AWG
Torque	0.5N.m
Strip length	8mm

Electrical parameters UL

Rated voltage (B)	600V
Rated voltage (C)	600V
Rated voltage (D)	600V
Rated current (B)	30A
Rated current (D)	5A
Rated current (C)	30A

Electrical parameters IEC

Rated voltage	630V
Rated voltage(III/3)	500V
Rated current	32A
Rated voltage(III/2)	630V
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
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	6.35mm
Number of potentials	5
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
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	0.6x3.5mm，Slotted screwdriver

Business data

Order number	10040003873
Packing unit	285

Minimum order quantity	30
Products weight (without packaging)	16.69