Overview

Product information



DG381A-3.81-10040002201

PCB terminal blocks,Rated current:10A,Rated voltage （III/2）130V,Cross section:1.0mm²,pitch:3.81mm,connector method:Screw connector with tension sleeve,Color:green,Contact surface :Tin

Product advantages

☑ Universal connection method to ensure a high degree of flexibility in device design
☑ Multi-layer wire connection can achieve higher contact density
☑ Fixed screw connection technology,safe and reliable

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Wave soldering/manual soldering

Connection capacity

Conductor cross section solid	0.2~1.0mm²
Conductor cross section flexible	0.2~1.0mm²
AWG	26~16AWG
Torque	0.2N.m
Strip length	6mm

Electrical parameters UL

Rated voltage (B)	300V
Rated current (B)	12A

Electrical parameters IEC

Rated voltage	130V
Rated current	10A
Rated voltage(III/2)	130V
Rated power frequency voltage(1min)	1.25KV

Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M2
Pitch	3.81mm
Number of potentials	8
Pluggable or not	no
Number of rows	2

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	UL1059/IEC60998

Environmental data

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

Accessories

Accessories

Coding strip	/
Bridge	DG032-3.81
Marking strip	/
Others	/

Tool

Operating tool	/
Screwdriver	0.4x2.5mm，Slotted screwdriver

Business data

Order number	10040002201
Packing unit	250
Minimum order quantity	30
Products weight (without packaging)	4.96