Overview

Product information



DG381A3-3.81-10040002178

PCB terminal blocks,Rated current: 12A,Rated voltage （III/2）160V,Cross section:0.2-1.5mm²,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	0.2~1.5mm²
Conductor cross section flexible	0.2~1.5mm²
AWG	30~16AWG
Torque	0.2N.m
Strip length	6mm

Electrical parameters UL

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

Electrical parameters IEC

Rated voltage	160V
Rated voltage(III/3)	160V
Rated current	12A
Rated voltage(III/2)	160V
Rated voltage(II/2)	320V
Rated surge voltage(III/3)	2.5KV
Rated surge voltage(III/2)	2.5KV
Rated surge voltage(II/2)	2.5KV

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	9
Pluggable or not	no
Number of rows	3

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

Accessories

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

Tool

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

Business data

Order number	10040002178
Packing unit	440
Minimum order quantity	30
Products weight (without packaging)	6.36