

Overview

Product information

**DG381A3-3.81-10040002177**

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	6
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°C~105°C(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	10040002177
Packing unit	650
Minimum order quantity	30
Products weight (without packaging)	4.23

