Overview

Product information



5EDGVN-7.62-10030010172

Plug in connector, nominal current: 41A. Rated voltage (III/2): 1000V, pin spacing: 7.62mm, color: green, contact surface: Sn

Product advantages

☑ Universal installation method ensures high flexibility in equipment design
☑ The insertion and removal direction is perpendicular to the PCB

Product certification

Technical data

Product drawing

3D model

Packaging information

Type of packaging	box-packed

Processing notes

Process	Wave soldering/manual soldering

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (C)	150V
Rated voltage (D)	300V
Rated current (B)	41A
Rated current (D)	10A

Rated current (C)	41A

Electrical parameters IEC

Rated voltage	630V
Rated voltage(III/3)	630V
Rated current	41A
Rated voltage(III/2)	630V
Rated voltage(II/2)	1000V
Rated surge voltage(III/3)	6KV
Rated surge voltage(III/2)	6KV
Rated surge voltage(II/2)	6KV

Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Three rows in a straight line
Pitch	7.62mm
Number of potentials	2
Pluggable or not	Yes
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	copper
Contact zone metal surface	tin-plated
Insulation Materials	PA66
Shell color	green
Insulating material group	I

Flammability rating	UL94V-0

Mechanical tests

Test Specification	IEC61984/ UL1059

Environmental data

Relative humidity (storage/transport)	30% ~ 70%
Ambient temperature (assembly)	-5℃~100℃
Ambient temperature (operation)	-40℃~105℃(depending on derating curve)
Ambient temperature (storage / transport)	-40℃~70℃

Accessories

Tool

Bolt driver	/
Line taking tool	/

Enclosure

Code strip	5EDG-PWI
Bridge components	/
Marking bar	/
Else	/

Business data

Order number	10030010172
Packing unit	540
Minimum order quantity	
Products weight (without packaging)	4.34