Overview

Product information



DG212R-THR-5.0-1000R-Tape Package-10060008307

PCB terminal blocks，Rated current：17.5A，Rated voltage（III/2）：320V，Cross section：1.5mm²，Pitch：5.0mm，Connection method：Push-in spring connection，Color：Black，Contact surface：Tin，Packaging：tape

Product advantages

☑ PUSH-IN spring connection，fast wiring
☑ high temperature resistant materials of housing, suitable for SMT process
☑ The operation and wiring direction are on the same side, so that the connector can be integrated into the front of the equipment to save space

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Reflow soldering/wave soldering/manual soldering

Connection capacity

Conductor cross section solid	0.2~1.5mm²
Conductor cross section flexible	0.2~1.5mm²
AWG	28~14AWG
Strip length	8mm

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	12A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	320V
Rated voltage(III/3)	320V
Rated current	17.5A
Rated voltage(III/2)	320V
Rated voltage(II/2)	500V
Rated surge voltage(III/3)	4KV
Rated surge voltage(III/2)	4KV
Rated surge voltage(II/2)	4KV

Item properties

Connection direction	0°
Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Push-in spring connection
Pitch	5mm
Number of potentials	2
Pluggable or not	no
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	Copper alloy

Contact point metal surface	tin-plated
Insulation Materials	High temperature resistant materials
Insulating material group	I
Flammability rating	UL94V-0

Mechanical tests

Test Specification	IEC60947/UL1059

Environmental data

Ambient temperature (operation)	-40℃~130℃(depending on derating curve)

Accessories

Business data

Order number	10060008307
Packing unit	250
Minimum order quantity	
Products weight (without packaging)	1.08