Overview

Product information



DG212S-THR-3.5-10060007757

PCB spring terminal blocks,Rated current:17.5A.Rated voltage（III/2）:160V,pitch:3.5mm,Color:black,Contact surface :Tin

Product advantages

☑ PUSH-IN connection technology, fast wiring
☑ Suitable for THR welding process
☑ Universal installation method, suitable for various situations

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Reflow soldering/wave soldering/manual soldering

Connection capacity

Conductor cross section flexible, with ferrule without plastic sleeve	0.2-0.75mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.5-0.75mm²
Conductor cross section flexible，with TWIN ferrule with plastic sleeve	/
Conductor cross section solid	0.2~1.5mm²
Conductor cross section flexible	0.2~1.5mm²

AWG	28~14AWG
Strip length	9mm

Electrical parameters UL

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

Electrical parameters IEC

Rated voltage	160V
Rated voltage(III/3)	160V
Rated current	17.5A
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	45°
Type of installation	PCB welding
Pin arrangement	Double-row in a straight line
Connection method	Quick connection
Pitch	3.5mm
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
Contact zone metal surface	tin-plated
Insulation Materials	High temperature resistant materials
Shell color	Black
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	10060007757
Packing unit	1950
Minimum order quantity	
Products weight (without packaging)	1.34