

Processing notes □

Process	Wave soldering/manual soldering
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Connection capacity □

Conductor cross section solid	0.2~2.5mm ²
Conductor cross section flexible	0.2~1.5mm ²
AWG	20~18AWG
Strip length	10mm

Electrical parameters UL □

Rated voltage (B)	300V
Rated voltage (C)	150V
Rated voltage (D)	300V
Rated current (B)	5A
Rated current (D)	5A
Rated current (C)	5A

Electrical parameters IEC □

Rated voltage	1000V
Rated voltage(III/3)	400V

Rated current	17.5A
Rated voltage(III/2)	1000V
Rated voltage(II/2)	1000V
Rated surge voltage(III/3)	8KV
Rated surge voltage(III/2)	8KV
Rated surge voltage(II/2)	8KV

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	10mm
Number of potentials	3
Pluggable or not	no
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
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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
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Environmental data

Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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PCB spring terminal blocks, Rated current:17.5A. Rated voltage (III/2)
:1000V, pitch:10.0mm, Color:gray, Contact surface :Tin