Overview

Product information



DG245H3-5.0-10060001868

PCB spring terminal blocks,Rated current:18A.Rated voltage（III/2）:450V,pitch:5.0mm,Color:gray,Contact surface :Tin

Product advantages

☑ Cage clamp connection technology,fast wiring
☑ Multi-layer wire connection can achieve higher contact density
☑ Different poles can be combined through the side lock

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Wave soldering/manual soldering

Connection capacity

Conductor cross section solid	0.2~2.5mm²
Conductor cross section flexible	0.2~2.5mm²
AWG	28~12AWG
Strip length	6mm

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V

Rated current (B)	10A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	450V
Rated current	18A
Rated voltage(III/2)	450V
Rated power frequency voltage(1min)	2.5KV

Item properties

Connection direction	45°
Type of installation	PCB welding
Pin arrangement	Three rows in a straight line
Connection method	spring-cage connection
Pitch	5mm
Number of potentials	15
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	UL1059/IEC60998

Environmental data

Ambient temperature (operation)	-40℃~105℃(depending on derating curve)

Accessories

Accessories

Coding strip	/
Bridge	/
Marking strip	/
Others	/

Tool

Operating tool	/
Screwdriver	/

Business data

Order number	10060001868
Packing unit	110
Minimum order quantity	30
Products weight (without packaging)	21.05