Overview

Product information



DG1450-B-12010000003

Single-layer PCB barrier terminal blocks,Rated current:50A.Rated voltage（UL）:300V,Cross section:22~8AWG,pitch:14.5mm,Color:black,Contact surface:Tin

Product advantages

☑ Screw connection for worldwide use
☑ Fence type wiring structure, stable and reliable connection
☑ High current electrical connections at the power end can be met

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Wave soldering/manual soldering

Connection capacity

Conductor cross section solid	0.5~16mm²
Conductor cross section flexible	0.5~10mm²
AWG	22~8AWG

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (C)	300V

Rated voltage (D)	300V
Rated current (B)	50A
Rated current (D)	10A
Rated current (C)	50A

Electrical parameters IEC

Rated current	
	76A

Item properties

Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	slotted-phillips screwdriver
screw thread	M5
Pitch	14.5mm
Number of potentials	6
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	PBT
Insulating material group	IIIa
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059

Environmental data

Ambient temperature (operation)	-40℃~125℃(depending on derating curve)

Accessories

Accessories

Business data

Order number	12010000003
Packing unit	10
Minimum order quantity	/
Products weight (without packaging)	129