Overview

Product information



DG45S-B-12020000281

Single-layer PCB barrier terminal blocks,Rated current:25A.Rated voltage（UL）:300V,Cross section:22~12AWG,pitch:9.5mm,Color:black,Contact surface:Tin

Product advantages

☑ Screw connection for worldwide use
☑ Fence type wiring structure, stable and reliable connection
☑ Solder plate mounting for electrical connection of the device to the PCB

Product certification

Technical data

Product drawing

3D model

Processing notes

Process	Wave soldering/manual soldering

Connection capacity

AWG	22~12AWG
Torque	1.2N.m

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	25A

Rated current (D)	10A

Electrical parameters IEC

Rated current	
	32A

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	M4
Pitch	9.5mm
Number of potentials	5
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	PA66
Insulating material group	I
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059

Environmental data

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

Accessories

Accessories

Bridge	K24

Business data

Order number	12020000281
Packing unit	225
Minimum order quantity	/
Products weight (without packaging)	18.3