Overview

Product information



DG31-B-12060000141

Single-layer PCB barrier terminal blocks,Rated current:30A.Rated voltage（UL）:600V,Cross section:18~10AWG,pitch:10.00mm,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	18~10AWG
Torque	1.2N.m

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (C)	300V
Rated voltage (D)	600V

Rated current (B)	30A
Rated current (D)	5A
Rated current (C)	30A

Electrical parameters IEC

Rated current	
	41A

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	10mm
Number of potentials	10
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	II
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059

Environmental data

Ambient temperature (operation)	-40℃~120℃(depending on derating curve)

Accessories

Accessories

Business data

Order number	12060000141
Packing unit	65
Minimum order quantity	/
Products weight (without packaging)	55.2