## Overview

### Product information



# DG1450H-B-20A(H)-12010000024

Single-layer PCB barrier terminal blocks,Rated current:57A.Rated voltage（UL）:600V,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 | 0.5~16mm² |
| AWG | 22~6AWG |

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 600V |
| Rated voltage (C) | 600V |

| | |
|---|---|
| Rated voltage (D) | 600V |
| Rated current (B) | 57A |
| Rated current (D) | 5A |
| Rated current (C) | 57A |

Electrical parameters IEC

| | |
|---|---|
| Rated current | |
| | 57A |

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 | 11 |
| 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 | 12010000024 |
| Packing unit | 5 |
| Minimum order quantity | / |
| Products weight (without packaging) | 184.4 |