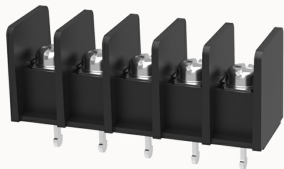


## Overview

### Product information



## DG47-B-12020000542

Single layer PCB fence terminal,nominal current20A.Rated voltage(UL): 300V,Rated cross section:22~12AWG,pitch:9.52mm,Color:black,Contact surface:Tin

### Product advantages

- ☒ Screw connection for worldwide use
- ☒ Screw connection for worldwide use
- ☒ Solder board installation, which can realize the electrical connection between the device and the PCB

### Product certification

## Technical data

### Product drawing

### 3D model

□

### Connection capacity

|        |          |
|--------|----------|
| AWG    | 22~12AWG |
| Torque | 0.8N.m   |

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 300V |
| Rated voltage (C) | 300V |
| Rated voltage (D) | 600V |
| Rated current (B) | 20A  |
| Rated current (D) | 5A   |
| Rated current (C) | 20A  |

### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Type of installation | PCB welding                   |
| Pin arrangement      | Single row in a straight line |
| Connection method    | Screw connection              |
| Screwdriver          | Phillips screwdriver          |
| screw thread         | M6                            |
| Pitch                | 9.525mm                       |
| 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   | II                        |
| Flammability rating         | UL94V-0                   |

Mechanical tests

|                    |        |
|--------------------|--------|
| Test Specification | UL1059 |
|--------------------|--------|

Environmental data

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Ambient temperature (operation) | -40°C~105°C(depending on derating curve) |
|---------------------------------|------------------------------------------|

Accessories

Business data

|              |             |
|--------------|-------------|
| Order number | 12020000542 |
|--------------|-------------|

|                                     |        |
|-------------------------------------|--------|
| Packing unit                        | 215    |
| Minimum order quantity              | /      |
| Products weight (without packaging) | 14.561 |