## Overview

### Product information



# DG245H3-5.0-10060001357

PCB spring terminal blocks,Rated current:18A.Rated voltage（III/2）:450V,pitch:5.0mm,Color:gray,Contact surface :Tin

### Product advantages

☑ Cage clamp connection technology,fast wiring
☑ Multi-layer wire connection can achieve higher contact density
☑ Different poles can be combined through the side lock

### Product certification

## Technical data

### Product drawing

### 3D model

### Processing notes

| | |
|---|---|
| Process | Wave soldering/manual soldering |

### Connection capacity

| | |
|---|---|
| Conductor cross section solid | 0.2~2.5mm² |
| Conductor cross section flexible | 0.2~2.5mm² |
| AWG | 28~12AWG |
| Strip length | 6mm |

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |

| | |
|---|---|
| Rated current (B) | 10A |
| Rated current (D) | 10A |

Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 450V |
| Rated current | 18A |
| Rated voltage(III/2) | 450V |
| Rated power frequency voltage(1min) | 2.5KV |

Item properties

| | |
|---|---|
| Connection direction | 45° |
| Type of installation | PCB welding |
| Pin arrangement | Three rows in a straight line |
| Connection method | spring-cage connection |
| Pitch | 5mm |
| Number of potentials | 9 |
| Pluggable or not | no |
| Number of rows | 3 |

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/IEC60998 |

### Environmental data

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

## Accessories

### Accessories

| | |
|---|---|
| Coding strip | / |
| Bridge | / |
| Marking strip | / |
| Others | / |

### Tool

| | |
|---|---|
| Operating tool | / |
| Screwdriver | / |

## Business data

| | |
|---|---|
| Order number | 10060001357 |
| Packing unit | 190 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 12.9 |