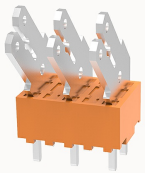
## Overview

### Product information



# DG140S-5.0-10030003077

PCB terminal blocks,Rated current:24A,Rated voltage （III/2）630V,Cross section:2.5mm²,pitch:5.0mm,connector method:Quick plug connector,Color:Orange ,Contact surface :Tin

### Product advantages

☑ Quick plug-in connection, fast wiring
☑ 45°connection can realize multi-row layout on PCB
☑ Universal installation method to ensure a high degree of flexibility in device design

### Product certification

## Technical data

### Product drawing

### 3D model

### Processing notes

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

### Connection capacity

| | |
|---|---|
| Conductor cross section solid | 0.5~2.5mm² |
| Conductor cross section flexible | 0.5~2.5mm² |
| AWG | 26~14AWG |

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 300V |
| Rated voltage (D) | 300V |
| Rated current (B) | 15A |

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

Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 630V |
| Rated current | 24A |
| Rated voltage(III/2) | 630V |
| Rated power frequency voltage(1min) | 3KV |

Item properties

| | |
|---|---|
| Connection direction | 45° |
| Type of installation | PCB welding |
| Pin arrangement | Double-row in a straight line |
| Connection method | Quick connection |
| Pitch | 5mm |
| Number of potentials | 3 |
| 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-2 |

Mechanical tests

| | |
|---|---|
| Test Specification | IEC60998 |

Environmental data

| | |
|---|---|
| Ambient temperature (operation) | -40℃~85℃(depending on derating curve) |

## Accessories

### Accessories

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

### Tool

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

## Business data

| | |
|---|---|
| Order number | 10030003077 |
| Packing unit | #N/A |
| Minimum order quantity | 30 |
| Products weight (without packaging) | #N/A |