

## Overview

### Product information



## DG240W-2.54-10060001105

PCB spring terminal blocks, Rated current: 6A. Rated voltage  
(III/2) : 130V, pitch: 2.54mm, Color: Orange, Contact surface : Tin

### Product advantages

- ☒ Cage clamp connection technology, 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

0.2~0.5mm<sup>2</sup>

Conductor cross section flexible

0.2~0.5mm<sup>2</sup>

AWG

28~20AWG

Strip length

6mm

### Electrical parameters UL

Rated voltage (B)

150V

Rated voltage (C)

150V

|                   |      |
|-------------------|------|
| Rated voltage (D) | 150V |
| Rated current (B) | 4A   |
| Rated current (D) | 4A   |
| Rated current (C) | 4A   |

#### Electrical parameters IEC

|                                     |        |
|-------------------------------------|--------|
| Rated voltage                       | 130V   |
| Rated current                       | 6A     |
| Rated voltage(III/2)                | 130V   |
| Rated power frequency voltage(1min) | 1.25KV |

#### Item properties

|                      |                               |
|----------------------|-------------------------------|
| Connection direction | 45°                           |
| Type of installation | PCB welding                   |
| Pin arrangement      | Double-row in a straight line |
| Connection method    | spring-cage connection        |
| Pitch                | 2.54mm                        |
| Number of potentials | 1                             |
| 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-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                        | 10060001105 |
| Packing unit                        | 700         |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 0.475       |