## Overview

### Product information



# DG332JR-5.0-10030003051

Needle connector,Rated current:12A,Rated voltage（III/2）250V,pitch:5.0mm,Color:black,Contact surface:Tin

### Product advantages

☑ Adapt to multi-type plugs, device design is highly flexible
☑ Universal installation method

### Product certification

## Technical data

### Product drawing

### 3D model

### Processing notes

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

### Electrical parameters UL

| | |
|---|---|
| Rated voltage (B) | 300V |
| Rated current (B) | 10A |

### Electrical parameters IEC

| | |
|---|---|
| Rated voltage | 250V |
| Rated current | 12A |
| Rated voltage(III/2) | 250V |
| Rated surge voltage(III/2) | 2KV |

## Item properties

| | |
|---|---|
| Connection direction | 0° |
| Type of installation | PCB welding |
| Pin arrangement | Single row in a straight line |
| Pitch | 5mm |
| Number of potentials | 6 |
| Pluggable or not | Yes |
| Number of rows | 1 |

## Material data

| | |
|---|---|
| Environmental items | Compliant with REACH/RoHS |
| Contact material | Copper alloy |
| Contact zone 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

## Tool

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

## Accessories

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

## Business data

| | |
|---|---|
| Order number | 10030003051 |
| Packing unit | 400 |
| Minimum order quantity | 30 |
| Products weight (without packaging) | 1.45 |