

## Overview

### Product information



### DG332J-THR-5.0-10030010305

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
- ☒ Plastic parts are made of high temperature material, which can meet THR process
- ☒ Universal installation method

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Reflow soldering/wave soldering/manual soldering

### Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	10A
Rated current (D)	10A

### Electrical parameters IEC

Rated voltage	250V
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Rated current	12A
Rated voltage(III/2)	250V
Rated power frequency voltage(1min)	2KV

Item properties

Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Pitch	5mm
Number of potentials	2
Pluggable or not	Yes
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	Copper alloy
Contact point metal surface	tin-plated
Contact zone metal surface	tin-plated
Insulation Materials	High temperature resistant materials
Insulating material group	IIIa
Flammability rating	UL94V-0

Mechanical tests

Test Specification	IEC61984/ UL1059
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Environmental data

Ambient temperature (operation)	-40℃~130℃(depending on derating curve)
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Accessories

Business data	
Order number	10030010305
Packing unit	
Minimum order quantity	
Products weight (without packaging)	