

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

□

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

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|----------------------|-------------------------------|
| 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

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|-----------------------------|--------------------------------------|
| 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

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|--------------------|------------------|
| Test Specification | IEC61984/ UL1059 |
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Environmental data

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

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