



**THE DATASHEET OF**  
**172447-0204**





Part Number : [1724470204](#)

Product Description : Mini-Fit Jr. Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 4 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable

Series Number : 172447

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

[Drawing 1724470204\\_sd.pdf](#)

[Packaging Design Drawing PK-5566-001-001.pdf](#)

### 3D Models and Design Files

[3D Model 1724470204\\_stp.zip](#)

### Specifications

[Application Specification 1722990000-AS-000.pdf](#)

[Product Specification PS-5556-001-001.pdf](#)


[Test Summary TS-5556-002-001.pdf](#)

[Test Summary TS-5566-002-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 33   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant per EU 2015/863   |

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

|                |  |
|----------------|--|
| Status         | Active   |
| Category       | PCB Headers and Receptacles  |
| Series         | 172447   |
| Description    | Mini-Fit Jr. Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 4 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable |
| Application    | Power, Wire-to-Board   |
| Component Type | PCB Header   |
| Product Family | Mini-Fit Family Power Connectors   |
| Product Name   | Mini-Fit Jr.   |
| UPC            | 887191730165   |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 9.0A             |
| Voltage - Maximum             | 600V AC (RMS)/DC |

### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 4     |
| Circuits (maximum)             | 4     |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 30    |

|                               |                |
|-------------------------------|----------------|
| First Mate / Last Break       | No             |
| Flammability                  | 94V-2          |
| Glow-Wire Capable             | Yes            |
| Guide to Mating Part          | No             |
| Keying to Mating Part         | Yes            |
| Lock to Mating Part           | Yes            |
| Material - Metal              | Brass          |
| Material - Plating Mating     | Tin            |
| Material - Resin              | Nylon          |
| Net Weight                    | 1.058/g        |
| Number of Rows                | 2              |
| Orientation                   | Vertical       |
| Packaging Type                | Tray           |
| PCB Locator                   | Yes            |
| PCB Retention                 | None           |
| PCB Thickness - Recommended   | 1.60mm         |
| Pitch - Mating Interface      | 4.20mm         |
| Pitch - Termination Interface | 4.20mm         |
| Polarized to Mating Part      | Yes            |
| Polarized to PCB              | Yes            |
| Shrouded                      | Fully          |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style   | Through Hole   |

### Solder Process Data

|                              |      |
|------------------------------|------|
| Max-Duration                 | 5    |
| Lead-Free Process Capability | WAVE |
| Max-Cycle                    | 1    |
| Max-Temp                     | 260  |

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### Mates With / Use With

#### Mates with Part(s)

| Description | Part Number |
|-------------|-------------|
|-------------|-------------|

|   |               |
|---|---------------|
| Mini-Fit Jr. Dual Row Receptacle Housings                     | <u>46992</u>  |
| Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings | <u>172708</u> |

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This document was generated on Aug 12, 2024

## Looking for pricing, stock, or lifecycle information?

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 [Molex, LLC Information](#)

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