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**Part Number:** 1724470206
**Status:** Active
**Overview:** Mini-Fit Jr. Power Connectors
**Description:** Mini-Fit Jr. Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 6 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow Wire Capable



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-5556-001-001 (PDF)
Product Specification TS-5556-002-001 (PDF)
Product Specification TS-5566-002-001 (PDF)
Packaging Specification PK-5566-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**General**

| | |
|---|---|
| Product Family | PCB Headers |
| Series | 172447 |
| Application | Power, Wire-to-Board |
| Overview | Mini-Fit Jr. Power Connectors |
| Product Name | Mini-Fit Jr. |
| UPC | 887191730172 |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | None |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Resin | Nylon |
| Net Weight | 1.450/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 4.20mm |
| Pitch - Termination Interface | 4.20mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Fully |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Through Hole |

**Electrical**

**EU ELV**
**Not Relevant**

**EU RoHS** **China RoHS**
**Compliant**
**REACH SVHC**
Not Contained Per -ED/01/2018 (15 January 2018)
**Halogen-Free Status**
**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
172447 Series

**Mates With**
46992 Mini-Fit Jr. Receptacle

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

**Solder Process Data**

| | |
|---|---|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Packaging Specification | PK-5566-001-001 |
| Product Specification | PS-5556-001-001, TS-5556-002-001, TS-5566-002-001 |
| Sales Drawing | SD-172447-0000-001 |

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