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**Part Number:** [172447-1008](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit® Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 8 Circuits, PA Polyamide Nylon 6/6 94V-2, Gold (Au) Plating, Glow Wire Compliant

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)  
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

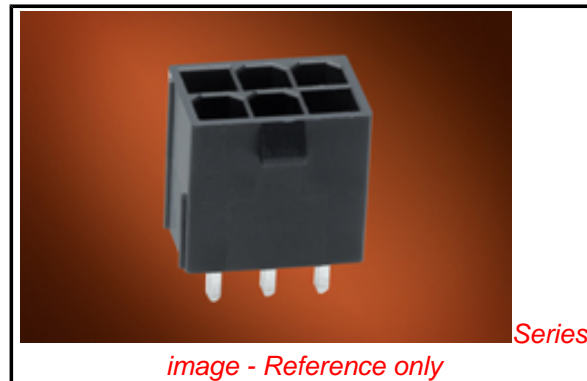
Product Family PCB Headers  
 Series [172447](#)  
 Application Power, Wire-to-Board  
 Overview [Mini-Fit Jr.™ Power Connectors](#)  
 Product Name Mini-Fit Jr.™  
 UPC 887191730240

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Black  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-2  
 Glow-Wire Compliant Yes  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Resin Nylon  
 Net Weight 1.929/g  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 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**

Current - Maximum per Contact 9A



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[172447Series](#)

**Mates With**

[46992](#) Mini-Fit® Jr. Receptacle

Voltage - Maximum 600V AC (RMS)/DC

### **Solder Process Data**

Duration at Max. Process Temperature (seconds) 5  
Lead-free Process Capability Wave Capable (TH only)  
Max. Cycles at Max. Process Temperature 1  
Process Temperature max. C 240

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification PS-5556-001  
Sales Drawing SD-172447-0000  
Test Summary TS-5556-002

This document was generated on 11/12/2014

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