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**Part Number:** [0442060007](#)

**Status:** **Active**

**Overview:** [Mini-Fit Jr. Power Connectors](#)

**Description:** Mini-Fit Jr. Header, Dual Row, Vertical, with 11.90mm Locking Ramp, 24 Circuits, with Peg 2 Snap-in Plastic Peg

**Documents:**

[Drawing \(PDF\)](#)

[3D Model](#)

[Packaging Specification PK-44206-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

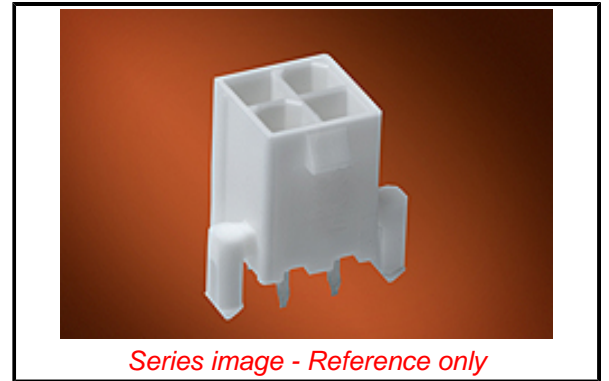
UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">44206</a>  |
| Application    | Power, Wire-to-Board   |
| Comments       | Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current de-rating information. |
| Overview       | <a href="#">Mini-Fit Jr. Power Connectors</a>  |
| Product Name   | Mini-Fit Jr.   |
| UPC            | 822348185627   |

**Physical**

|                                |          |
|--------------------------------|----------|
| Breakaway                      | No       |
| Circuits (Loaded)              | 24       |
| Circuits (maximum)             | 24       |
| Color - Resin                  | Natural  |
| Durability (mating cycles max) | 30       |
| First Mate / Last Break        | No       |
| Flammability                   | 94V-2    |
| Glow-Wire Capable              | No       |
| Guide to Mating Part           | Yes      |
| Keying to Mating Part          | Yes      |
| Lock to Mating Part            | Yes      |
| Material - Metal               | Brass    |
| Material - Plating Mating      | Tin      |
| Material - Plating Termination | Tin      |
| Material - Resin               | Nylon    |
| Net Weight                     | 4.888/g  |
| Number of Rows                 | 2        |
| Orientation                    | Vertical |
| PC Tail Length                 | 3.30mm   |
| PCB Locator                    | Yes      |
| PCB Retention                  | Yes      |
| PCB Thickness - Recommended    | 1.80mm   |
| Packaging Type                 | Tray     |
| Pitch - Mating Interface       | 4.20mm   |
| Plating min - Mating           | 0.889µm  |
| Plating min - Termination      | 0.889µm  |
| Polarized to PCB               | Yes      |
| Shrouded                       | Fully    |
| Stackable                      | No       |
| Surface Mount Compatible (SMC) | No       |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[44206](#) Series

**Mates With**

[5557](#) Mini-Fit Jr. Receptacle Housing

Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 13.0A  
Voltage - Maximum 600V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-44206-001  
Sales Drawing SDA-44206-001

This document was generated on 10/23/2018

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