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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 \(PDF\)](#)                      [Packaging Specification PK-44206-001 \(PDF\)](#)  
[3D Model](#)                                  [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL    E29179

**General**

Product Family                              PCB Headers  
Series    [44206](#)  
Application                                      Power, Wire-to-Board  
Comments                                        Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) 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                                         [Mini-Fit Jr. Power Connectors](#)  
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 Compliant                         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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto: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**

[44206](#) Series

**Mates With**

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

Temperature Range - Operating -40°C 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

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