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**Part Number:** [0462070110](#)

**Status:** **Active**

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

**Description:** 4.20mm Pitch, Mini-Fit Jr.™ Reflow Solder Capable Header, Dual Row, Vertical, 10 Circuits, 2.36mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Capable

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-46207-001-001 \(PDF\)](#)

[Packaging Specification PK-46207-001-000 \(PDF\)](#)

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

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [46207](#)  
Application Board-to-Board, Power, Wire-to-Board  
Comments Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit  
Overview [Mini-Fit Jr. Power Connectors](#)  
Product Name Mini-Fit Jr.™  
UPC 800756832104

**Physical**

Breakaway No  
Circuits (Loaded) 10  
Circuits (maximum) 10  
Color - Resin Black  
Durability (mating cycles max) 100  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant Yes  
Guide to Mating Part No  
Lock to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Matte Tin  
Material - Plating Termination Matte Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 3.691/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 4.46mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 2.36mm  
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) Yes



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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**

[46207 Series](#)

**Mates With**

[5557 Mini Fit Jr.™ Receptacle](#)

|  |                  |
|--|------------------|
| Temperature Range - Operating                  | -40°C to +105°C  |
| Termination Interface: Style                   | Through Hole     |
| <b>Electrical</b>                              |                  |
| Current - Maximum per Contact                  | 13.0A            |
| Voltage - Maximum                              | 600V AC (RMS)/DC |
| <b>Solder Process Data</b>                     |                  |
| Duration at Max. Process Temperature (seconds) | 030              |
| Lead-free Process Capability                   | SMC&WAVE         |
| Max. Cycles at Max. Process Temperature        | 003              |
| Process Temperature max. C                     | 265              |
| <b>Material Info</b>                           |                  |
| <b>Reference - Drawing Numbers</b>             |                  |
| Packaging Specification                        | PK-46207-001-000 |
| Product Specification                          | PS-46207-001-001 |
| Sales Drawing                                  | SD-46207-001-000 |

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