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**Part Number:** [0462070204](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** 4.20mm Pitch, Mini-Fit Jr.™ Reflow Solder Capable Header, Dual Row, Vertical, 4 Circuits, 3.18mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Capable

**Documents:**

[3D Model](#) [Packaging Specification PK-46207-001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-46207-001-001 \(PDF\)](#)

**Agency Certification**

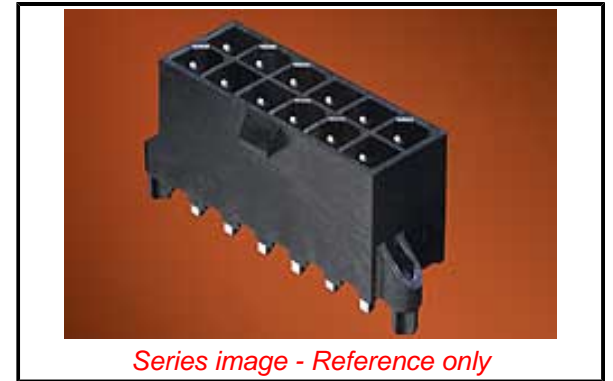
CSA LR19980  
 UL E29179

**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 800756835662

**Physical**

Breakaway No  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 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 1.776/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 5.26mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 3.18mm  
 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

ELV

RoHS Phthalates

Green Image

Not Relevant

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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