

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0462070112](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable, Tray Header, Dual Row, Vertical, 12 Circuits, 2.36mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow-Wire Capable, Tray

**Documents:**

[3D Model](#) [Packaging Specification PK-46207-001-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5556-001-001 \(PDF\)](#)

**Agency Certification**

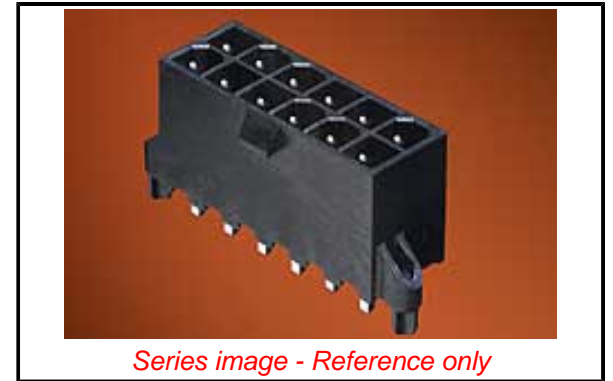
CSA LR19980  
 UL E29179

**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 800756833019

**Physical**

Breakaway No  
 Circuits (Loaded) 12  
 Circuits (maximum) 12  
 Color - Resin Black  
 Durability (mating cycles max) 100  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable 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 4.340/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/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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

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° 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-5556-001-001
Sales Drawing	SD-46207-001-000

This document was generated on 10/19/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46207-0112](#)