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**Part Number:** [0462070006](#)

**Status:** **Active**

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

**Description:** 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable, Tray Header, Dual Row, Vertical, 6 Circuits, 1.57mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Capable, Tray

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-5556-001-001 \(PDF\)](#)

[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 800756675763

**Physical**

Breakaway No  
Circuits (Loaded) 6  
Circuits (maximum) 6  
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 2.351/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 3.66mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.57mm  
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/01/2018 (15  
January 2018)

**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**

[45750 Terminal](#), [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-5556-001-001
Sales Drawing	SD-46207-001-000

This document was generated on 05/29/2018

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