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**Part Number:** [46207-0024](#)

**Status:** **Active**

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

**Description:** 4.20mm Pitch, Mini-Fit® Jr. Reflow Solder Compatible Header, Dual Row, Vertical, 24 Circuits, 1.57mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Compliant

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">46207</a>
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
MolexKits	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Product Name	Mini-Fit Jr.™
UPC	800756675800

**Physical**

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
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	Nickel
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.067/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



image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[46207Series](#)

**Mates With**

[5557 Mini Fit Jr.™ Receptacle](#)

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

### **Electrical**

Current - Maximum per Contact	13A
Voltage - Maximum	600V AC (RMS)/DC

### **Solder Process Data**

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	265

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification	PS-46207-001
Sales Drawing	SD-46207-001

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