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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 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

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[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
MolexKits Yes
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 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 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/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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
Electrical	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
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
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46207-001-000
Sales Drawing	SD-46207-001-000

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