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Part Number: [0462076010](#)

Status: **Active**

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

Description: 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable, Tray Header, Dual Row, Vertical, 10 Circuits, 1.57mm PCB Thickness, without PCB Pegs, LCP Housing, with Gold (Au) Plating, Glow Wire Capable, Tray

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-45750-001-001 \(PDF\)](#)

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

[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 884982203419

Physical

Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
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 Gold
Material - Plating Termination Matte Tin
Material - Resin High Temperature Thermoplastic
Net Weight 3.376/g
Number of Rows 2
Orientation Vertical
PC Tail Length 5.26mm
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

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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

[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	001
Process Temperature max. C	265

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-46207-001-000
Product Specification	PS-45750-001-001, PS-5556-001
Sales Drawing	SD-46207-002-000

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