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Part Number: [0462071210](#)

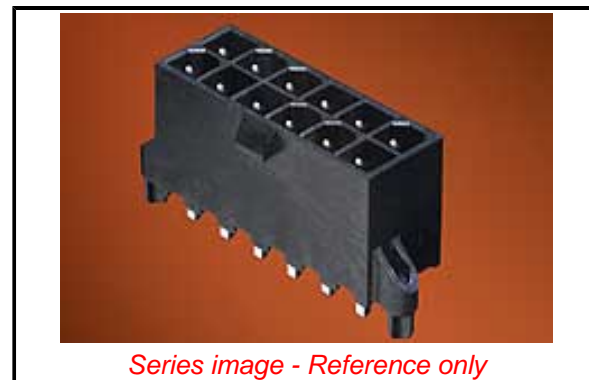
Status: **Active**

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

Description: 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable, Tray Header, Dual Row, Vertical, 10 Circuits, 3.18mm PCB Thickness, without PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Capable, Tray

Documents:

3D Model	Product Specification PS-5556-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-46207-001-000 (PDF)
Product Specification PS-45750-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

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	883906251697

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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.526/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	5.26mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.18mm
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

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
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 003
Process Temperature max. C 265

Material Info

Reference - Drawing Numbers

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

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