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Part Number: [0462070210](#)

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, 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

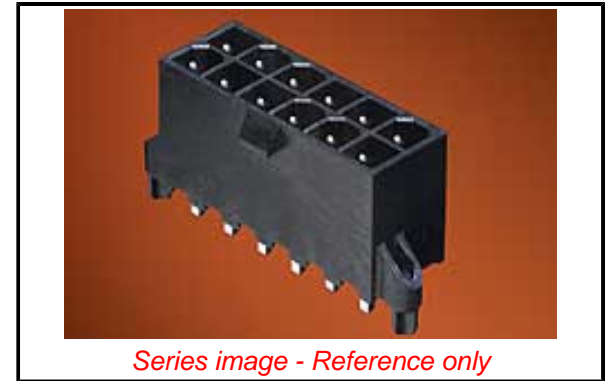
CSA LR19980
UL E29179

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 800756835693

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 3.771/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46207](#) Series

Mates With

[5557](#) Mini Fit Jr. Receptacle

| | |
|--|------------------|
| Temperature Range - Operating | -40° 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-5556-001-001 |
| Sales Drawing | SD-46207-001-000 |

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