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Part Number: [0462071024](#)

Status: **Active**

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

Description: 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable Header, Dual Row, Vertical, 24 Circuits, 1.57mm PCB Thickness, without PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow-Wire Capable, Tray

Documents:

[Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

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

[Product Specification PS-5556-004-001 \(PDF\)](#)

[Packaging Specification PK-46207-001-000 \(PDF\)](#)

[Symbol Footprint Data SYM-46207-1024 \(PDF\)](#)

[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 883906044572

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 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 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

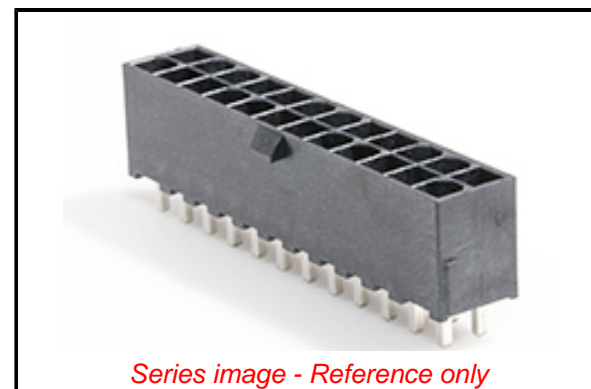
Pitch - Termination Interface 4.20mm

Polarized to Mating Part Yes

Polarized to PCB Yes

Shrouded Fully

Stackable No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46207 Series](#)

Mates With

[5557](#) Mini Fit Jr. Receptacle, [172708](#) Mini-Fit TPA2 Receptacle Housing

| | |
|--------------------------------|----------------|
| Surface Mount Compatible (SMC) | Yes |
| 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-45750-001-001, PS-5556-004-001 |
| Sales Drawing | SD-46207-002-000 |
| Symbol/Footprint Data | SYM-46207-1024 |

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