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Part Number: [0462071206](#)

Status: **Active**

Overview: Mini-Fit Jr. Power Connectors

Description: 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable Header, Dual Row, Vertical, 6 Circuits, 3.18mm PCB Thickness, without 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 \(PDF\)](#)

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

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

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

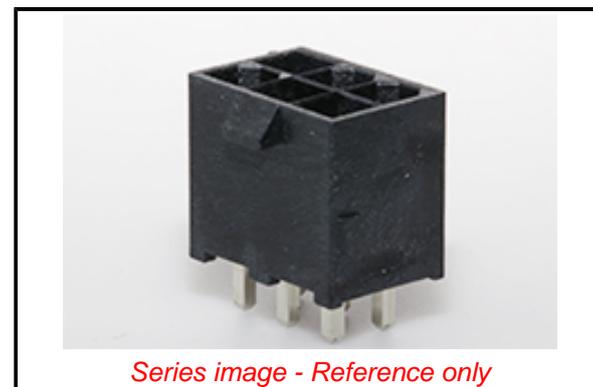
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [46207](#)
3D Viewer Yes
Application Board-to-Board, Power, Wire-to-Board
CURRENT-MAX-NUMERIC 13.0
Comments Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit, Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit
[Mini-Fit Jr. Power Connectors](#)
Overview [PITCH-MATING-NUMERIC](#) 4.20
Product Name Mini-Fit Jr.
UPC 883906251673

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 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 2.313/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
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-5556-001-001, PS-5556-004-001
Sales Drawing	SD-46207-002-000
Symbol/Footprint Data	SYM-46207-1006

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