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Part Number: [0462070106](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable Header, Dual Row, Vertical, 6 Circuits, 2.36mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow-Wire Capable, Tray

Documents:

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|--|--|
| 3D Model (PDF) | Product Specification PS-45750-001-001 (PDF) |
| Drawing (PDF) | Product Specification PS-5556-004-001 (PDF) |
| 3D Model | Packaging Specification PK-46207-001-000 (PDF) |
| Product Specification 55560004-PS-CH-000 (PDF) | Symbol Footprint Data SYM-46207-0006-001 (PDF) |
| Product Specification 55560004-PS-ES-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 55560004-PS-SK-000 (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 Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800756741192

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	2.393/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.46mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

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

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-freeProcess 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	55560004-PS-CH-000, 55560004-PS-ES-000, 55560004-PS-SK-000, PS-45750-001-001, PS-5556-004-001
Sales Drawing	SD-46207-001-000
Symbol/Footprint Data	SYM-46207-0006-001

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