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**Part Number:** [0462071106](#)

**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, without PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow-Wire Capable, Tray

**Documents:**

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

[Drawing \(PDF\)](#)

[3D Model](#)

[Product Specification 55560004-PS-CH-000 \(PDF\)](#)

[Product Specification 55560004-PS-ES-000 \(PDF\)](#)

[Product Specification 55560004-PS-SK-000 \(PDF\)](#)

[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-46207-1006-001 \(PDF\)](#)

[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 Family Power Connectors](#)

Product Name Mini-Fit Jr.

UPC 883906250904

**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 2.265/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

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

Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V AC (RMS)/DC
<b>Solder Process Data</b>	
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
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
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-46207-002-000
Symbol/Footprint Data	SYM-46207-1006-001

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