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Part Number: [0462070212](#)

Status: **Active**

Overview: Mini-Fit Family Power Connectors

Description: 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable Header, Dual Row, Vertical, 12 Circuits, 3.18mm PCB Thickness, with 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-46207-0012-001 \(PDF\)](#)

[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

Component Type PCB Header

Overview [Mini-Fit Family Power Connectors](#)

Product Name Mini-Fit Jr.

Taxonomy PCB Headers and Receptacles

UPC 800756835709

Physical

Breakaway No

Circuits (Loaded) 12

Circuits (maximum) 12

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 4.436/g

Number of Rows 2

Orientation Vertical

PC Tail Length 5.26mm

PCB Locator Yes

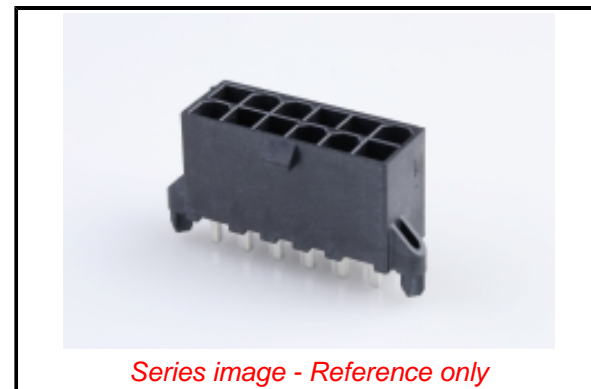
PCB Retention Yes

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 - D(2022)4187-DC (10 June 2022)

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	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-46207-0012-001

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