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**Part Number:** [0462070210](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** 4.20mm Pitch, Mini-Fit Jr. Reflow Solder Capable Header, Dual Row, Vertical, 10 Circuits, 3.18mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow-Wire Capable, Tray

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-45750-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-5556-004-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-46207-001-000 (PDF)</a>
<a href="#">Product Specification 55560004-PS-CH-000 (PDF)</a>	<a href="#">Symbol Footprint Data SYM-46207-0010-001 (PDF)</a>
<a href="#">Product Specification 55560004-PS-ES-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 55560004-PS-SK-000 (PDF)</a>	

**Agency Certification**

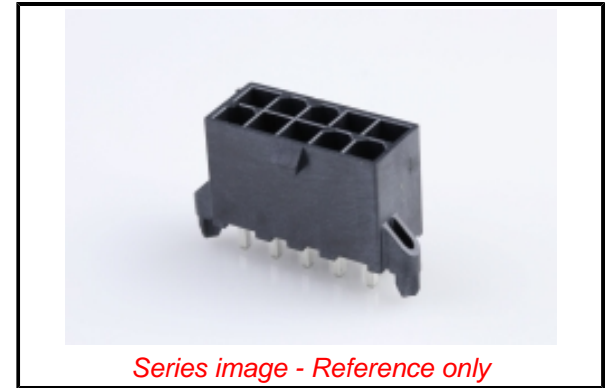
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">46207</a>
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	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	800756835693

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	3.771/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
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-46207-001-000
Symbol/Footprint Data	SYM-46207-0010-001

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