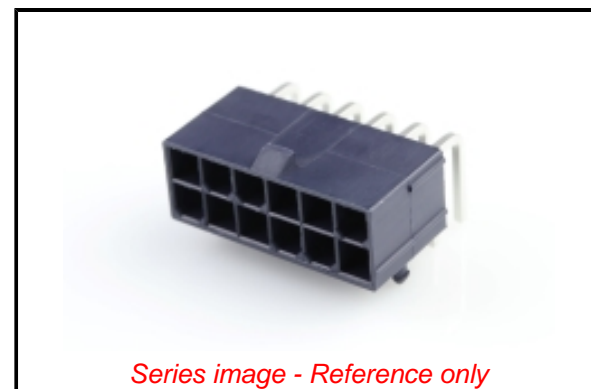


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**Part Number:** [1724480012](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Jr. Header, Dual Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 12 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-5556-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-5569-003-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-45750-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172448</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	887191729183

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	4.539/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.60mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Not 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**

[172448](#) Series

**Mates With**

[46992](#) Mini-Fit Jr. Receptacle, [172708](#) Mini-Fit TPA2 Receptacle Housing

Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 13.0A  
Voltage - Maximum 600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
Lead-freeProcess Capability WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 220

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-5569-003-001  
Product Specification PS-45750-001-001, PS-5556-001-001  
Sales Drawing SD-172448-0000-001  
Test Summary TS-5556-002-001

This document was generated on 08/30/2021

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