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**Part Number:** [1724471006](#)

**Status:** **Active**

**Overview:** Mini-Fit Family Power Connectors

**Description:** Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 6 Circuits, Nylon 6/6, UL 94V-2, Gold (Au) Plating, Glow-Wire Capable, Black

**Documents:**

[Drawing \(PDF\)](#)

[3D Model](#)

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

[Product Specification PS-5556-001-001 \(PDF\)](#)

[Packaging Specification PK-5566-001-001 \(PDF\)](#)

[Test Summary TS-5556-002-001 \(PDF\)](#)

[Test Summary TS-5566-002-001 \(PDF\)](#)

[Symbol Footprint Data SYM-172447-XX06-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980

UL E29179

**General**

Product Family PCB Headers

Series [172447](#)

Application Power, Wire-to-Board

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

Product Name Mini-Fit Jr.

UPC 887191730233

**Physical**

Breakaway No

Circuits (Loaded) 6

Circuits (maximum) 6

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 Yes

Lock to Mating Part Yes

Material - Metal Brass

Material - Plating Mating Gold

Material - Resin Nylon

Net Weight 1.527/g

Number of Rows 2

Orientation Vertical

PCB Locator Yes

PCB Retention Yes

PCB Thickness - Recommended 1.60mm

Packaging Type Tray

Pitch - Mating Interface 4.20mm

Pitch - Termination Interface 4.20mm

Polarized to Mating Part Yes

Polarized to PCB Yes

Shrouded Fully

Stackable No

Temperature Range - Operating -40° to +105°C

Termination Interface: Style Through Hole

**Electrical**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172447 Series](#)

**Mates With**

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

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V AC (RMS)/DC

**Solder Process Data**

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

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-5566-001-001
Product Specification	PS-5556-001-001
Sales Drawing	SD-172447-0000-001
Symbol/Footprint Data	SYM-172447-XX06-001
Test Summary	TS-5556-002-001, TS-5566-002-001

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