

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1724470008](#)

Status: **Active**

Overview: Mini-Fit Family Power Connectors

Description: Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 8 Circuits, Nylon 6/6, UL 94V-2, Tin (Sn) 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-XX08-001 \(PDF\)](#)

[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 887191730110

Physical

Breakaway No

Circuits (Loaded) 8

Circuits (maximum) 8

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 Tin

Material - Resin Nylon

Net Weight 1.927/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)4569-DC (8

July 2021)

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-XX08-001
Test Summary	TS-5556-002-001, TS-5566-002-001

This document was generated on 10/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Power to the Board](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[6450171-4](#) [6450552-7](#) [6600323-8](#) [6643429-1](#) [6646040-2](#) [6651939-1](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#) [1393532-3](#) [1393532-4](#)
[1393557-1](#) [1600812-5](#) [1-6450861-2](#) [1744132-7](#) [1761122-1](#) [1766250-1](#) [1892109-1](#) [2-6450860-5](#) [2-6450870-0](#) [1-6450161-4](#) [1-6450850-6](#) [1-6450869-6](#) [1645526-2](#) [1-6600130-0](#) [2005243-2](#) [377-0020-11130](#) [TE34-12-16P-F0](#) [5-6450830-6](#) [5646956-4](#) [377-0080-11131A](#) [4-6450830-9](#)
[4-6600333-3](#) [10125416-4050LF](#) [6600320-3](#) [3-6450860-5](#) [1888123-2](#) [6450166-1](#) [6643978-1](#) [6766605-1](#) [701-15-02109](#) [N11444](#) [6651938-1](#)
[6450810-7](#) [46437-1112](#) [1-1589677-8](#) [5646956-5](#) [6450813-2](#) [6450129-4](#)