

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0469990138](#)

Status: **Active**

Overview: [Mini-Fit Jr. Power Connectors](#)

Description: Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Dual Row, 2 Circuits, without Snap-in Plastic Peg PCB Lock, Matte Tin, Natural

Documents:

[Drawing \(PDF\)](#)

[3D Model](#)

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

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

Agency Certification

CSA LR19980

UL E29179

General

Product Family PCB Headers

Series [5566](#)

Application Power, Wire-to-Board

Comments The 5566 header should be used with standard Mini-Fit female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit Plus HCS family [45750](#) terminals with [46015](#) headers; . See Molex Product specification PS-5666-001 for current de-rating information.

Comments The 5566 header should be used with standard Mini-Fit female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit Plus HCS family [45750](#) terminals with [46015](#) headers; . See Molex Product specification PS-5666-001 for current de-rating information.

Overview [Mini-Fit Jr. Power Connectors](#)

Product Name Mini-Fit Jr.

UPC 884982654174

Physical

Breakaway No

Circuits (Loaded) 2

Circuits (maximum) 2

Color - Resin Natural

Durability (mating cycles max) 30

First Mate / Last Break No

Flammability 94V-0

Glow-Wire Capable No

Guide to Mating Part No

Keying to Mating Part None

Lock to Mating Part Yes

Material - Metal Brass

Material - Plating Mating Matte Tin

Material - Plating Termination Matte Tin

Material - Resin Nylon

Net Weight 0.733/g

Number of Rows 2

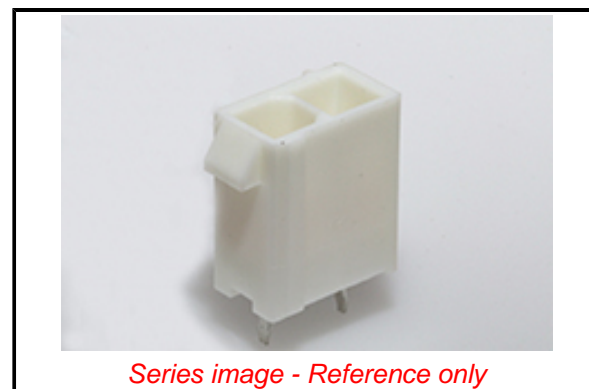
Orientation Vertical

PC Tail Length 3.50mm

PCB Locator Yes

PCB Retention Yes

PCB Thickness - Recommended 1.60mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

[5566 Series](#)

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit Jr. TPA Cable Assembly [45135](#)

Mini-Fit Jr. Cable Assembly [245135](#) ,

Mini-Fit TPA2 Receptacle Housing [172708](#)

Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

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	260

Material Info

Engineering Number	5566-02AMS-210
--------------------	----------------

This document was generated on 01/08/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION