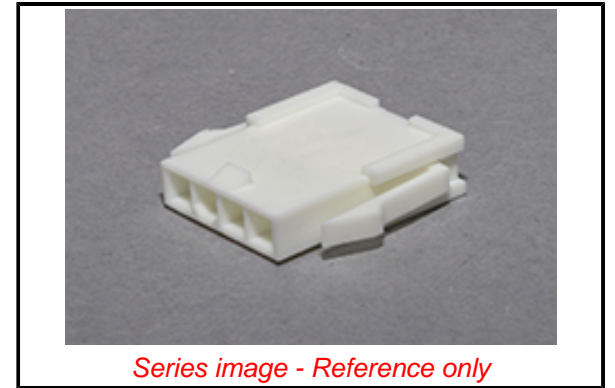


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039014043](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Jr. Plug Housing, Single Row, 4 Circuits, UL 94V-0, with Panel Mounting Ears, Natural

**Documents:**

[3D Model](#) [Application Specification AS-5557-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Packaging Specification PK-5559-003-001 \(PDF\)](#)  
[Product Specification PS-5556-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification TS-5556-002-001 \(PDF\)](#)



**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [5559](#)  
 Application Power, Wire-to-Board, Wire-to-Wire  
 Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.  
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Overview [Mini-Fit Jr. Power Connectors](#)  
 Product Name Mini-Fit Jr.  
 UPC 884982609662

**Physical**

Circuits (maximum) 4  
 Color - Resin Natural  
 Flammability 94V-0  
 Gender Plug  
 Glow-Wire Capable No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Net Weight 2.054/g  
 Number of Rows 1  
 Packaging Type Bag  
 Panel Mount Yes  
 Pitch - Mating Interface 4.20mm  
 Pitch - Termination Interface 4.20mm  
 Polarized to Mating Part Yes  
 Stackable No  
 Temperature Range - Operating -40° to +105°C

**Electrical**

Current - Maximum per Contact 13.0A

**Solder Process Data**

Lead-freeProcess Capability N/A

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/88/2018 (15  
 January 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**

[5559](#) Series

**Mates With**

Receptacle Housing [39014040](#)

**Use With**

[5558](#) Mini-Fit Jr. Male Crimp Terminals.  
[30490](#) Mini-Fit Male Grounding Crimp  
 Terminals <br> [46012](#) Mini-Fit Plus Crimp  
 Terminal

**Material Info**

Engineering Number

5559-04P2-210

**Reference - Drawing Numbers**

Application Specification

AS-5557-001-001

Packaging Specification

PK-5559-003-001

Product Specification

PS-5556-001-001, TS-5556-002-001

Sales Drawing

55590002-SD-000

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