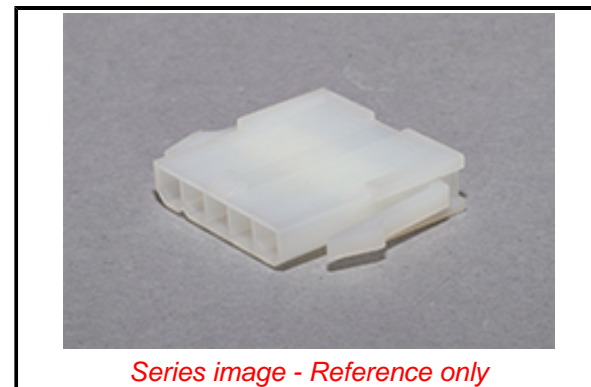


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039014052](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** Mini-Fit Jr. Plug Housing, Single Row, 5 Circuits, UL 94V-2, with Panel Mounting Ears, Natural

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                               | <a href="#">Application Specification AS-5557-001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                    | <a href="#">Packaging Specification PK-5559-003-001 (PDF)</a>   |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification TS-5556-002-001 (PDF)</a> |   |



Series image - Reference only

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings   |
| Series         | <a href="#">5559</a>   |
| Application    | Power, Wire-to-Board, Wire-to-Wire   |
| Comments       | Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. |
| Comments       | Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. |

|              |   |
|--------------|---|
| Overview     | <a href="#">Mini-Fit Jr. Power Connectors</a> |
| Product Name | Mini-Fit Jr.                                  |
| UPC          | 800753535565                                  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Breakaway                     | No             |
| Circuits (maximum)            | 5              |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-2          |
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 2.068/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**

**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**

Crimp Housing [39014050](#)

**Use With**

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

Lead-freeProcess Capability

N/A

**Material Info**

Engineering Number

5559-05P2

**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

This document was generated on 04/16/2019

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