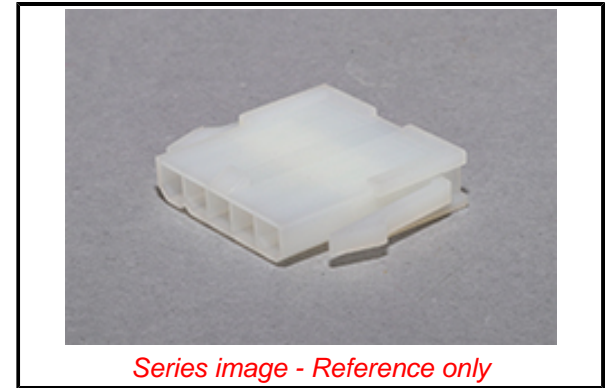


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Part Number: [0039014052](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: Mini-Fit Jr. Plug Housing, Single Row, 5 Circuits, UL 94V-2, with Panel Mounting Ears, Natural

Documents:

| | |
|--|---|
| Drawing (PDF) | Application Specification AS-5557-001-001 (PDF) |
| 3D Model | Packaging Specification PK-5559-003-001 (PDF) |
| Product Specification PS-45750-001-001 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

Agency Certification

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

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 5559 |
| 3D Viewer | Yes |
| 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. |
| 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. |
| Overview | Mini-Fit Jr. Power Connectors |
| 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 |
|-------------------------------|-------|

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
 [46012](#) Mini-Fit Plus Crimp Terminal

Solder Process Data

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-45750-001-001, PS-5556-001-001
Sales Drawing 55590002-SD-000
Test Summary TS-5556-002-001

This document was generated on 07/19/2019

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