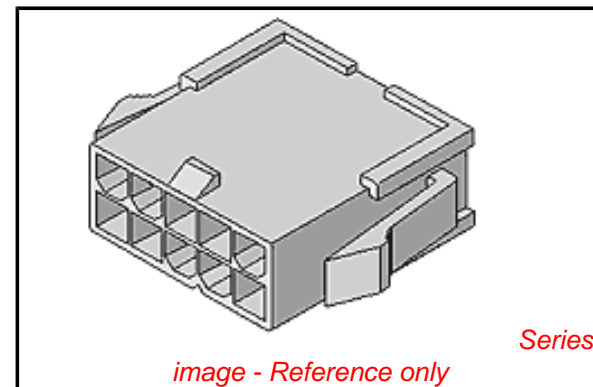


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Part Number: [39-01-3109](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit Jr.™ Plug Housing, Dual Row without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 10 Circuits

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification PK-5559-002 (PDF) |
| Drawing (PDF) | Test Summary TS-5556-002 (PDF) |
| Product Specification PS-45750-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-5556-001 (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. |
| Overview | Mini-Fit Jr.™ Power Connectors |
| Product Name | Mini-Fit Jr.™ |
| UPC | 800754204040 |

Physical

| | |
|-------------------------------|-----------------|
| Breakaway | No |
| Circuits (maximum) | 10 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Plug |
| Glow-Wire Compliant | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 2.902/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 4.20mm |
| Pitch - Termination Interface | 4.20mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40°C to +105°C |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

Material Info

| | |
|-----------------|---------------|
| Old Part Number | 5559-10P1-210 |
|-----------------|---------------|

Reference - Drawing Numbers

| | |
|-------------------------|-------------|
| Packaging Specification | PK-5559-002 |
|-------------------------|-------------|

| | |
|---|-----------------------|
| EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen | China RoHS |
|---|-----------------------|

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
5559Series

Mates With
39-01-2105 Receptacle Housing

Use With
5558 Mini-Fit Jr.™ Male Crimp Terminals.
30490 Mini-Fit® Male Grounding Crimp Terminals

Product Specification
Sales Drawing
Test Summary

PS-45750-001, PS-5556-001
SD-5559-NP1*
TS-5556-002

This document was generated on 04/17/2015

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