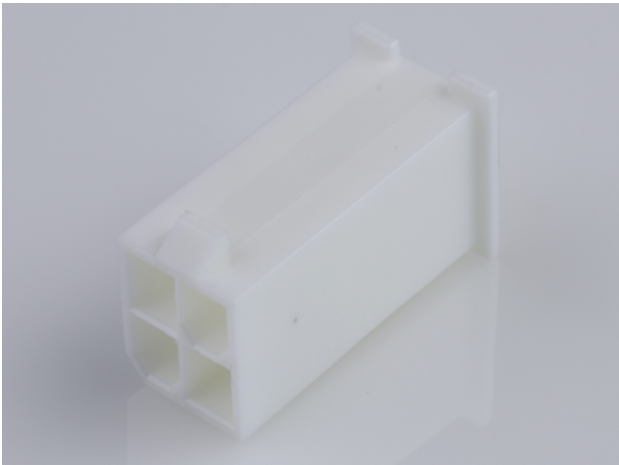




**Part Number :** [39013049](#)  
**Product Description :** Mini-Fit Jr. Plug Housing,  
Dual Row, 4 Circuits, UL 94V-0, without Panel  
Mounting Ears, Natural  
**Series Number :** 5559  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** 5559-04P1-210



Documents & Resources

Drawings

[039013049\\_sd.pdf](#)

3D Models and Design Files

[039013049\\_stp.zip](#)

Specifications

- [55560001-AS-000.pdf](#)
- [55560002-AS-000.pdf](#)
- [AS-5557-001-001.pdf](#)
- [PK-5559-002-001.pdf](#)
- [PS-45750-001-001.pdf](#)
- [PS-5556-001-001.pdf](#)
- [55560010-TS-000.pdf](#)
- [TS-5556-002-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Compliant per 2000/53/EC                                                              |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(21 Jan 2025)                                     |
| EU RoHS            | Compliant per EU 2015/863                                                             |

## Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|              |                                                                                                                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                                                                                   |
| Category     | Connector Housings                                                                                                                                                                                                       |
| Series       | 5559                                                                                                                                                                                                                     |
| Description  | Mini-Fit Jr. Plug Housing, Dual Row, 4 Circuits, UL 94V-0, without Panel Mounting Ears, Natural                                                                                                                          |
| 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. |
| Product Name | Mini-Fit Jr.                                                                                                                                                                                                             |
| UPC          | 800754203739                                                                                                                                                                                                             |

#### Agency

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

#### Physical

|                    |         |
|--------------------|---------|
| Breakaway          | No      |
| 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                    | 1.400/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° to +105°C |

#### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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#### Mates With / Use With

##### Mates with Part(s)

| Description                                                                  | Part Number   |
|------------------------------------------------------------------------------|---------------|
| Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings                | <u>172708</u> |
| Mini-Fit Jr. Receptacle Housings                                             | <u>5557</u>   |
| Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assemblies          | <u>45135</u>  |
| Mini-Fit Jr.-to-Mini-Fit Jr. Off-the-Shelf (OTS) Overmolded Cable Assemblies | <u>245135</u> |

##### Use with Part(s)

| Description                                                                                     | Part Number      |
|-------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead Mini-Fit Male-to-Mini-Fit Male, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Red | <u>797580005</u> |

|                                                                                                 |                  |
|-------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead Mini-Fit Male-to-Mini-Fit Male, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red | <u>797580013</u> |
| Mini-Fit Male Crimp Terminals                                                                   | <u>5558</u>      |
| Mini-Fit Plus Male Crimp Terminals                                                              | <u>46012</u>     |
| Mini-Fit Jr. Crimp Grounding Terminals                                                          | <u>30490</u>     |
| Mini-Fit Jr. Hermaphroditic Backshells                                                          | <u>204723</u>    |

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