

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039013049

Status:

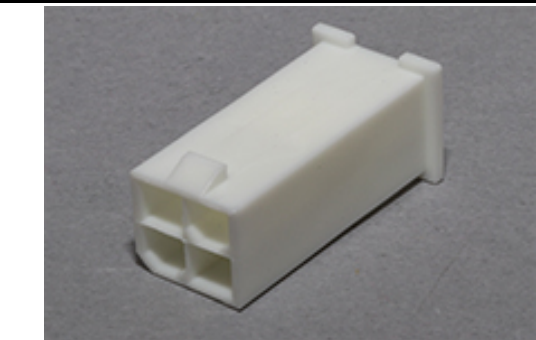
Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Dual Row, 4 Circuits, UL 94V-0, without Panel Mounting Ears, Natural



Series image - Reference only

|                                                              |                                                                 |
|--------------------------------------------------------------|-----------------------------------------------------------------|
| Documents:                                                   |                                                                 |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-5557-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-5559-002-001 (PDF)</a>   |
| <a href="#">Product Specification PS-45750-001-001 (PDF)</a> | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>              |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

|                               |                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                      | <a href="#">Mini-Fit Jr. Power Connectors</a>                                                                                                                                                                              |
| Product Name                  | Mini-Fit Jr.                                                                                                                                                                                                               |
| UPC                           | 800754203739                                                                                                                                                                                                               |
| 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                                                                                                                                                                                                             |
| Electrical                    |                                                                                                                                                                                                                            |
| Current - Maximum per Contact | 13.0A                                                                                                                                                                                                                      |

|                                                                   |                          |
|-------------------------------------------------------------------|--------------------------|
| EU ELV<br>Compliant                                               |                          |
| EU RoHS<br>Compliant                                              | China RoHS               |
| REACH SVHC<br>Not Contained Per -<br>ED/71/2019 (16 July<br>2019) |                          |
| Halogen-Free<br>Status<br>Low-Halogen                             |                          |
| For more information, please visit <a href="#">Contact US</a>     |                          |
| China ROHS<br>ELV                                                 | Green Image<br>Compliant |
| RoHS Phthalates                                                   | Not Contained            |

Search Parts in this Series

5559 Series

Mates With

Receptacle Housing [39013048](#)

<br>Receptacle Housing [39012045](#)

<br>Mini-Fit Jr. TPA Cable Assembly [45135](#)

<br>Mini-Fit Jr. Cable Assembly [245135](#)

Use With

[5558](#) Mini-Fit Jr. Male Crimp Terminals.

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

**Solder Process Data**

Lead-freeProcess CapabilityN/A

**Material Info**

Engineering Number5559-04P1-210

**Reference - Drawing Numbers**

Application SpecificationAS-5557-001-001  
Packaging SpecificationPK-5559-002-001  
Product SpecificationPS-45750-001-001, PS-5556-001-001  
Sales Drawing55590001-SD-000  
Test SummaryTS-5556-002-001

This document was generated on 10/10/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

39-01-3049