

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [39-01-2041](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit Jr.™ Plug Housing, Dual Row with Panel Mount Ears, UL 94V-2, Panel Mount, 4 Circuits

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-5556-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-5559-001 (PDF) |
| Product Specification PS-45750-001 (PDF) | RoHS Certificate of Compliance (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.. Not for use with Strain Relief. |
| MolexKits | Yes |
| Overview | Mini-Fit Jr.™ Power Connectors |
| Product Name | Mini-Fit Jr.™ |
| UPC | 800753584303 |

Physical

| | |
|-------------------------------|-----------------|
| Breakaway | No |
| Circuits (maximum) | 4 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Plug |
| Glow-Wire Compliant | No |
| Material - Resin | Nylon |
| Net Weight | 1.744/g |
| Number of Rows | 2 |
| 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°C to +105°C |

Electrical

| | |
|-------------------------------|-----|
| Current - Maximum per Contact | 13A |
|-------------------------------|-----|

Material Info

| | |
|-----------------|----------|
| Old Part Number | 5559-04P |
|-----------------|----------|

Reference - Drawing Numbers

| | |
|-------------------------|---------------------------|
| Packaging Specification | PK-5559-001 |
| Product Specification | PS-45750-001, PS-5556-001 |
| Sales Drawing | SD-5559-NP |



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

[5557 Dual Row Receptacle Housing](#)

Use With

[5558](#) , [30490 Male Terminal](#)

This document was generated on 11/26/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION