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## PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0039012021](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** [Mini-Fit Jr. Plug Housing, Dual Row, 2 Circuits, UL 94V-2, with Panel Mounting Ears, Natural](#)

### Documents:

<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification 55560001-AS-000 (PDF)</a>
<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-5559-001-001 (PDF)</a>
<a href="#">Product Specification PS-45750-001-001 (PDF)</a>	<a href="#">Test Summary 55560010-TS-000 (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	<a href="#">5559</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	800753584266

### Physical

Breakaway	No
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	1.237/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° to +105°C

### Electrical

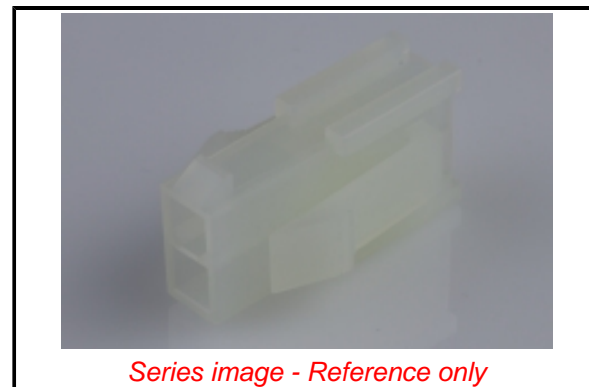
Current - Maximum per Contact	13.0A
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### Material Info

Engineering Number	5559-02P
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### Reference - Drawing Numbers

Application Specification	55560001-AS-000, AS-5557-001-001
Packaging Specification	PK-5559-001-001
Product Specification	PS-45750-001-001, PS-5556-001-001



Series image - Reference only

### EU ELV

**Not Relevant**

### EU RoHS

**Compliant**

### REACH SVHC

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

### 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

Mini-Fit Jr. Receptacle Housing [5557](#)  
 <br>Mini-Fit Jr. TPA Cable Assembly [45135](#)  
 <br>Mini-Fit Jr. Cable Assembly [245135](#)

### Use With

Mini-Fit Male Crimp Terminals [5558](#)  
 <br>Mini-Fit Plus HCS Crimp Terminals  
[46012](#) <br>Mini-Fit Jr. Grounding Pin [30490](#)  
 <br>Mini-Fit Pre-Crimped Leads [797580005](#)  
 , [797580013](#)