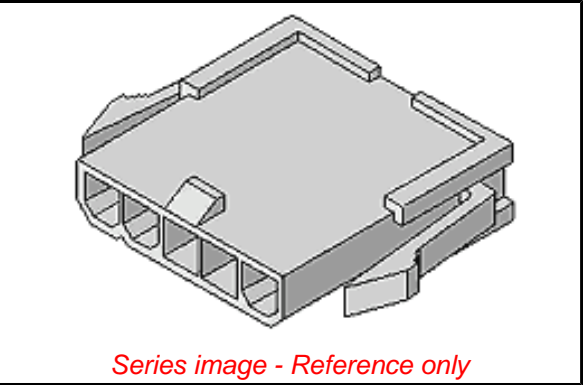


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**Part Number:** [0039014052](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** Mini-Fit Jr. Plug Housing, Single Row, 5 Circuits, UL 94V-2, with Panel Mounting Ears, Natural



**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-5556-001-001 \(PDF\)](#)  
[Product Specification TS-5556-002-001 \(PDF\)](#)  
[Application Specification AS-5557-001-001 \(PDF\)](#)  
[Packaging Specification PK-5559-003-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

<b>Agency Certification</b>	
CSA	LR19980
UL	E29179
<b>General</b>	
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 Jr. Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	800753535565
<b>Physical</b>	
Breakaway	No
Circuits (maximum)	5
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.068/g
Number of Rows	1
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
<b>Electrical</b>	
Current - Maximum per Contact	13.0A
<b>Solder Process Data</b>	
Lead-freeProcess Capability	N/A
<b>Material Info</b>	
Engineering Number	5559-05P2

<b>EU ELV</b> <b>Not Relevant</b>	
<b>EU RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> Not Contained Per - ED/61/2018 (27 June 2018) <b>Halogen-Free</b> <b>Status</b> <b>Low-Halogen</b> For more information, please visit <a href="#">Contact US</a>	<b>China RoHS</b>
China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained

**Search Parts in this Series**  
[5559](#) Series

**Mates With**  
Crimp Housing [39-01-4050](#)

**Use With**  
[5558](#) Mini-Fit Jr. Male Crimp Terminals.  
[30490](#) Mini-Fit Male Grounding Crimp  
Terminals <br> [46012](#) Mini-Fit Plus Crimp  
Terminal

**Reference - Drawing Numbers**

Application Specification	AS-5557-001-001
Packaging Specification	PK-5559-003-001
Product Specification	PS-5556-001-001, TS-5556-002-001
Sales Drawing	55590002-SD-000

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