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**Part Number:** [39-01-4052](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit Jr.™ Plug Housing, Single Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 5 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-5559-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-45750-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5556-001 (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 Jr.™ Power Connectors</a>
Product Name	Mini-Fit Jr.™
UPC	800753535565

**Physical**

Breakaway	No
Circuits (maximum)	5
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Compliant	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°C to +105°C

**Electrical**


Current - Maximum per Contact	13A
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**Material Info**

Old Part Number	5559-05P2
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**Reference - Drawing Numbers**

Packaging Specification	PK-5559-003
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<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Low-Halogen</b>	<b>China RoHS</b> 
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**  
39-01-4050 Crimp Housing

**Use With**  
5558 Mini-Fit Jr.™ Male Crimp Terminals.  
30490 Mini-Fit® Male Grounding Crimp Terminals

Product Specification  
Sales Drawing  
Test Summary

PS-45750-001, PS-5556-001  
SD-5559-NLP\*  
TS-5556-002

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