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**Part Number:** [0039013089](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit Jr.™ Plug Housing, Dual Row, 8 Circuits, UL 94V-0, Natural](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5556-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-5559-002 (PDF)</a>
<a href="#">Product Specification PS-45750-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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.

Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Product Name	Mini-Fit Jr.™
UPC	800754203951

**Physical**

Breakaway	No
Circuits (maximum)	8
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.375/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°C to +105°C

**Electrical**

Current - Maximum per Contact	13.0A
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**Solder Process Data**

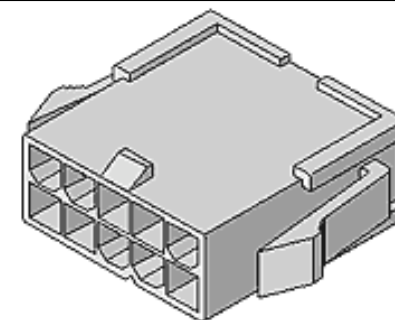
Lead-freeProcess Capability	N/A
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**Material Info**

Old Part Number	5559-08P1-210
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**Reference - Drawing Numbers**

Packaging Specification	PK-5559-002
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[5559 Series](#)

**Mates With**

[39-01-2085 Receptacle Housing](#)

**Use With**

[5558 Mini-Fit Jr.™ Male Crimp Terminals.](#)  
[30490 Mini-Fit® Male Grounding Crimp Terminals](#)

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