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**Part Number:** [39-01-2241](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit Jr.™ Plug Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, UL 94V-2, Panel Mount, 24 Circuits

**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-5559-001 (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	<a href="#">5559</a>
Application	Power, 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.. Not for use with Strain Relief.
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Product Name	Mini-Fit Jr.™
UPC	800753627949

**Physical**

Breakaway	No
Circuits (maximum)	24
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Material - Resin	Nylon
Net Weight	6807.300/mg
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
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**Material Info**

Old Part Number	5559-24P
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**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](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**

[5557 Dual Row Receptacle Housing](#)

**Use With**

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

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