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**Part Number:** [0039012120](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit Jr.™ Receptacle Housing, Dual Row, 12 Circuits, UL 94V-2, Natural](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5557-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-45750-001-001 (PDF)</a>	<a href="#">Packaging Specification PK-5557-002-000 (PDF)</a>
<a href="#">Product Specification PS-5556-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">5557</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. . Use with Strain Relief.
MolexKits	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Product Name	Mini-Fit Jr.™
UPC	800753584389

**Physical**

Breakaway	No
Circuits (maximum)	12
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Compliant	No
Material - Resin	Nylon
Net Weight	2.435/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**

Engineering Number	5557-12R
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**Reference - Drawing Numbers**

Packaging Specification	PK-5557-002-000
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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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[5557 Series](#)

**Mates With**

[5559](#) Dual Row, [5566](#) Vertical with Pegs, [5566](#) Vertical without Pegs, [5569](#) Right Angle Dual Row with Flanges, [5569](#) Right Angle Dual Row with Pegs, [43810](#) , [44068](#) , [44281](#) , [87427](#) , [42404](#) , [42440](#)

**Use With**

[5556](#) Mini-Fit® Female Crimp Terminals, [45750](#) Mini-Fit® Plus HCS Crimp Terminal

Product Specification

Sales Drawing

PS-45750-001-001, PS-5556-001, PS-5557-001-001,  
TS-5556-002-001  
SD-5557-003-000

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