

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-5557-002 (PDF)</a>
<a href="#">Product Specification PS-45750-001 (PDF)</a>	<a href="#">Test Summary TS-5556-002 (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
-------------------------------	-------

**Solder Process Data**

Lead-freeProcess Capability	N/A
-----------------------------	-----

**Material Info**

Old Part Number	5557-12R
-----------------	----------

**Reference - Drawing Numbers**

Packaging Specification	PK-5557-002
-------------------------	-------------



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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**

[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

Test Summary

PS-45750-001, PS-5556-001, PS-5557-001,  
RPS-5557-001, RPS-5557-045, RPS-5566-002  
SD-5557-003  
TS-5556-002

This document was generated on 06/09/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**