

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

**Part Number:** [0039014031](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Jr. Receptacle Housing, Single Row, 3 Circuits, UL 94V-0, Natural

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-5557-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-5557-002-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 55560010-TS-000 (PDF)</a>
<a href="#">Product Specification PS-45750-001-001 (PDF)</a>	<a href="#">Test Summary 55570000-TS-000 (PDF)</a>
<a href="#">Product Specification PS-5556-001-001 (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 55560001-AS-000 (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.. Glow Wire Equivalent Part. <a href="#">Mini-Fit Family Power Connectors</a>
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	800753584082

**Physical**

Breakaway	No
Circuits (maximum)	3
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.960/g
Number of Rows	1
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° to +105°C

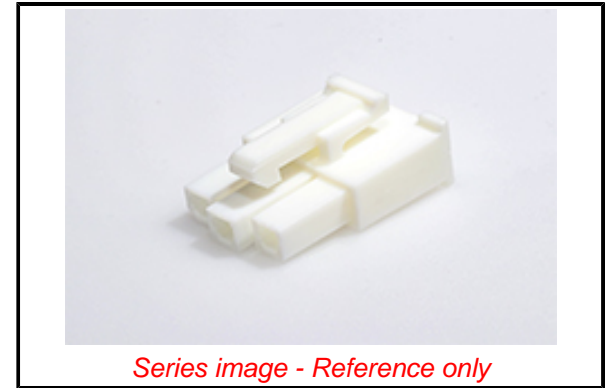
**Electrical**

Current - Maximum per Contact	13.0A
-------------------------------	-------

**Solder Process Data**

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

**Material Info**



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[5557 Series](#)

**Mates With**

[39014033](#) Panel Mount Plug, [39014037](#) Free Hanging Plug, [39302030](#) Vertical Header, [39302038](#) Vertical Header, [39303036](#) Right Angle Header

**Use With**

Mini-Fit Female Crimp Terminals [5556](#)  
<br>Mini-Fit Plus HCS Crimp Terminal  
[45750](#) <br>Mini-Fit Pre-Crimped Leads  
[797580001](#) , [797580009](#)

Engineering Number	5557-03R2-210
<b>Reference - Drawing Numbers</b>	
Application Specification	55560001-AS-000, AS-5557-001-001
Packaging Specification	PK-5557-002-000
Product Specification	PS-45750-001-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	55570302-SD-000
Test Summary	55560010-TS-000, 55570000-TS-000, TS-5556-002-001

This document was generated on 12/07/2020

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[39-01-4031](#)