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**Part Number:** [0469990656](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** Mini-Fit Jr. Plug Housing, Single Row, 2 Circuits, UL 94V-2, without Panel Mounting Ears, Natural

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-5559-003-001 \(PDF\)](#)  
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-5557-001-001 \(PDF\)](#)

**General**

Product Family	Crimp Housings
Series	<a href="#">5559</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.
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Overview	<a href="#">Mini-Fit Jr. Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	889056552967

**Physical**

Circuits (maximum)	2
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.839/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
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**Solder Process Data**

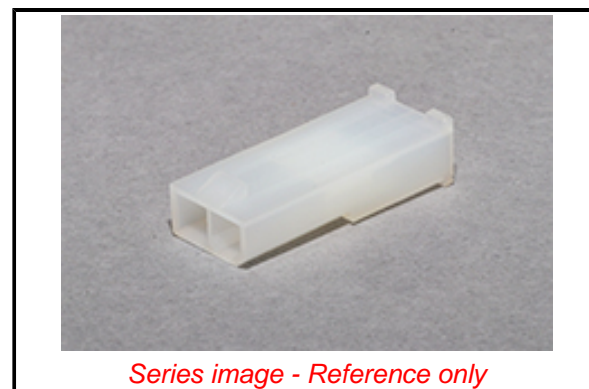
Lead-freeProcess Capability	N/A
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**Material Info**

Engineering Number	5559-02P3
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**Reference - Drawing Numbers**

Application Specification	AS-5557-001-001
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -ED/88/2018 (15 January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[5559](#) Series

**Mates With**

Single Row Receptacle Housing [5557](#)

**Use With**

[5558](#) Mini-Fit Jr. Male Crimp Terminals.  
[30490](#) Mini-Fit Male Grounding Crimp Terminals. [46012](#) Mini-Fit Plus Crimp Terminal

This document was generated on 03/15/2019

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