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**Part Number:** [172646-0513](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit Jr.™ Plug Housing, Single Row without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, Glow Wire Compliant, 5 Circuits

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-5559-003 (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="#">172646</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Product Name	Mini-Fit Jr.™
UPC	887191725673

**Physical**

Circuits (maximum)	5
Color - Resin	Black
Flammability	94V-2
Gender	Plug
Glow-Wire Compliant	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.014/g
Number of Rows	1
Packaging Type	Tray
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	13A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-5559-003
Product Specification	PS-45750-001, PS-5556-001
Sales Drawing	SD-172646-0000
Test Summary	TS-5556-002

<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b>	<b>China RoHS</b>
<b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Not Low-Halogen</b>	

**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**

[172646Series](#)

**Mates With**

[46694](#) Mini-Fit Jr.™ Receptacle Housing

**Use With**

[5558](#) Mini-Fit Jr.™ Male Crimp Terminal