

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

**Part Number:**

**50-36-1679**

**Status:**

**Active**

**Overview:**

Mini-Fit Jr.™ Power Connectors

**Description:**

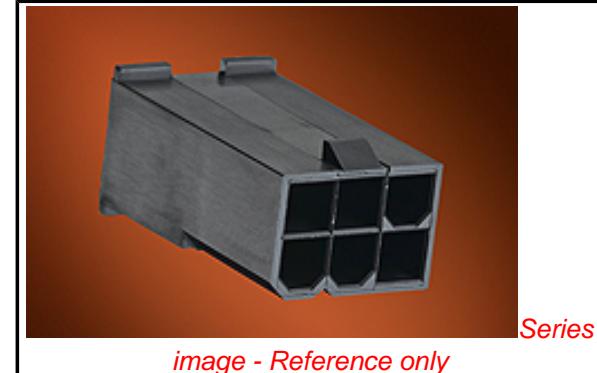
Mini-Fit Jr.™ Plug Housing, Dual Row without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 4 Circuits, Glow Wire Compatible

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-45750-001 \(PDF\)](#)  
[Product Specification PS-5556-001 \(PDF\)](#)

[Packaging Specification PK-5559-002 \(PDF\)](#)  
[Test Summary TS-5556-002 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)



*image - Reference only*

**General**

[Product Family](#)  
[Series](#)  
[Application](#)  
[Comments](#)

Crimp Housings

**5559**

Power, Wire-to-Board, Wire-to-Wire  
Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. <P><P>This Molex product is manufactured from material that has the following ratings, tested by independent agencies : .  
a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.

[Mini-Fit Jr.™ Power Connectors](#)

Mini-Fit Jr.™  
800756803517

[Overview](#)  
[Product Name](#)  
[UPC](#)

**Physical**

[Breakaway](#)  
[Circuits \(maximum\)](#)  
[Color - Resin](#)  
[Gender](#)  
[Glow-Wire Compliant](#)  
[Keying to Mating Part](#)  
[Lock to Mating Part](#)  
[Material - Resin](#)  
[Net Weight](#)  
[Number of Rows](#)  
[Packaging Type](#)  
[Panel Mount](#)

No  
4  
Black  
Plug  
Yes  
None  
Yes  
Nylon  
1.417/g  
2  
Bag  
No

**EU RoHS**

**ELV and RoHS**

**Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**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**

[5559Series](#)

**Mates With**

[5557 Receptacle Housing](#)

**Use With**

[5558 Male Terminal](#)

Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40°C to +105°C

**Electrical**

Current - Maximum per Contact	13A
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**Material Info**

Old Part Number	5559-04P1-225
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**Reference - Drawing Numbers**

Packaging Specification	PK-5559-002
Product Specification	PS-45750-001, PS-5556-001
Sales Drawing	SD-5559-425
Test Summary	TS-5556-002

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