

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

**Part Number:** [0039013163](#)  
**Status:** **Obsolete**  
**Overview:** [minifit\\_jr](#)  
**Description:** 4.20mm (.165") Pitch Mini-Fit Jr.™ Plug Housing, Dual Row, without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 16 Circuits

**Documents:**  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA	LR19980
TUV	R72081037
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">5559</a>
Application	Power
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 Number <a href="#">50361676</a>
Overview	<a href="#">minifit_jr</a>
Product Name	Mini-Fit Jr.™

**Physical**

Breakaway	No
Circuits (maximum)	16
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm (.165")
Pitch - Termination Interface	4.20mm (.165")
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

**Electrical**

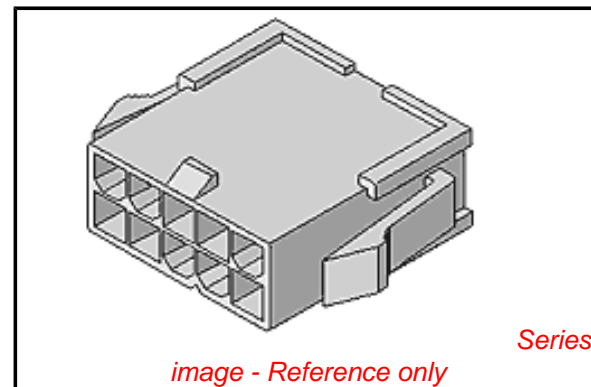
Current - Maximum per Contact	13A
-------------------------------	-----

**Material Info**

Old Part Number	5559-16P1
-----------------	-----------

**Reference - Drawing Numbers**

Packaging Specification	PK-5559-002
Product Specification	PS-5556-001
Sales Drawing	SD-5559-NP1*
Test Summary	TS-5556-002



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Reviewed**

**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**

[39-01-2160](#) Receptacle Housing

**Use With**

[5558](#) Mini-Fit Jr.™ Male Crimp Terminals.  
[44478](#) Mini-Fit® HCS Male Crimp Terminals.  
[30490](#) Mini-Fit® Male Grounding Crimp Terminals

This document was generated on 03/08/2011

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