

[Molex.com](#)

English  
日本語  
한국어  
简体中文

[Register | Login](#)  
[My Parts \( 0 items \)](#)

Search site: Search:  [Go](#)

- Product Name**
- Cross-Ref**
- Catalog**
- Literature**
- Industries**
- Standards**
- Contact Us**
- About Us**
- Investors**
- Careers**

- [Connectors](#)
- [Sockets](#)
- [I/O Connectors](#)
- [Cable Assemblies](#)
- [Fiber Optics](#)
- [Printed Circuit Products](#)
- [Industrial Products](#)
- [Lighting Products](#)

**Switch Language**

- [Home](#)
- [PCB Headers](#)
- [Datasheet](#)

**Need Assistance?**

- [Contact Us](#)
- [Find a Distributor](#)
- [Order Samples](#)
- [Tech Library](#)
- [Ecocare](#)
- [Electrical Models](#)

[Printer-friendly page](#)

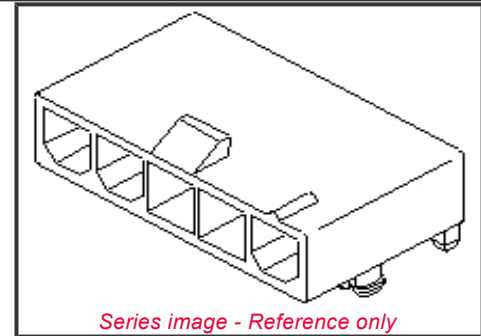
[Email this page](#)

**Part Number:**  
**0039303047**

**Status:**  
**Active**

**Overview:**  
**Mini-Fit Jr.™**

**Description:**  
4.20mm (.165") Pitch Mini-Fit Jr.™ Header, Single Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 4 Circuits, PA Polyamide Nylon 6/6, 94V-2, (30μ") (Au) Plating



**Documents:** *Note - Please disable browser pop-up blockers for documents on www.molex.com*

[Drawing \(PDF\)](#)

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

[3D Model](#)

**EU RoHS**  
**ELV and RoHS**  
**Compliant**

**China RoHS**



**REACH SVHC**  
**Contains SVHC: No**

**Halogen-Free**  
**Status**  
**Not Reviewed**

**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**[5569](#)Series**Mates With**[39-01-4040](#) Receptacle**Order Products:****Part Detail:** ([show all](#))[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Solder Process](#) [Data](#)[Material Info](#)[Reference - Drawing Numbers](#)**General**

Product Family	PCB Headers
Series	<a href="#">5569</a>
Application	Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> Mini-Fit Plus HCS™ Crimp Terminal Crimped to to 16 AWG wire. See Molex Product specification PS-5556-001 for additional current de-rating information.
Overview	<a href="#">Mini-Fit Jr.™</a>
Product Name	Mini-Fit Jr.™

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Circuits Detail	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.78 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Pitch - Term. Interface (in)	0.165 In
Pitch - Term. Interface (mm)	4.20 mm
Plating min: Mating ( $\mu$ in)	30
Plating min: Mating ( $\mu$ m)	0.75
Plating min: Termination ( $\mu$ in)	30
Plating min: Termination ( $\mu$ m)	0.75
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**(Please review the Product Specification for specific details.)

Current - Maximum per Contact 13A

Voltage - Maximum 600V

**Agency Certification**

CSA LR19980

TUV R72081037

UL E29179

**Solder Process Data**Duration at Max. Process Temperature 5  
(seconds)

Lead-free Process Capability Wave Capable (TH only)

Max. Cycles at Max. Process Temperature 1

Process Temperature max. C 240

**Material Info**

Old Part Number 5569-04A4G

**Reference - Drawing Numbers**

Product Specification PS-5556-001

Sales Drawing SDA-5569-NL\*