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**Part Number:** [0039301100](#)

**Status:** **Active**

**Overview:** [Mini-Fit Jr.™ Power Connectors](#)

**Description:** Mini-Fit® Jr. Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 10 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

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

[Packaging Specification SPK-5569-NA2 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

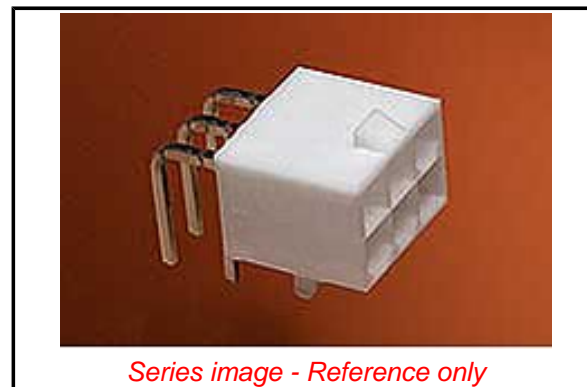
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series 5569  
Application Power, Wire-to-Board  
Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex Product specification PS-5556-001 for additional current de-rating information.  
Overview [Mini-Fit Jr.™ Power Connectors](#)  
Product Name Mini-Fit Jr.™  
UPC 800753748132

**Physical**

Breakaway No  
Circuits (Loaded) 10  
Circuits (maximum) 10  
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 Matte Tin  
Material - Plating Termination Matte Tin  
Material - Resin Nylon  
Net Weight 3.692/g  
Number of Rows 2  
Orientation Right Angle  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.78mm  
Packaging Type Bag  
Pitch - Mating Interface 4.20mm  
Pitch - Termination Interface 4.20mm  
Plating min - Mating 2.540µm  
Plating min - Termination 2.540µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[5569](#) Series

**Mates With**

[5557](#) Mini-Fit Jr.™ Receptacle Housing

Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

**Material Info**

Old Part Number	5569-10A2
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**Reference - Drawing Numbers**

Packaging Specification	SPK-5569-NA2
Product Specification	PS-5556-001
Sales Drawing	SDA-5569-NA2*-*

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