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Part Number: [0039301020](#)

Status: **Active**

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

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

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

[Product Specification TS-5556-002 \(PDF\)](#)

[Packaging Specification PK-5569-002 \(PDF\)](#)

[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 800753616417

Physical

Breakaway No

Circuits (Loaded) 2

Circuits (maximum) 2

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 0.890/g

Number of Rows 2

Orientation Right Angle

PCB Locator Yes

PCB Retention Yes

PCB Thickness - Recommended 1.78mm

Packaging Type Bag

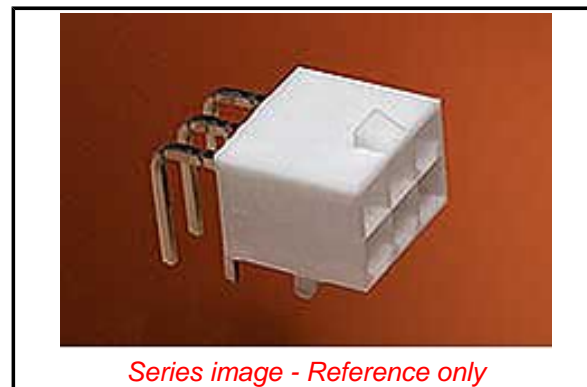
Pitch - Mating Interface 4.20mm

Pitch - Termination Interface 4.20mm

Plating min - Mating 2.540µm

Plating min - Termination 2.540µm

Polarized to Mating Part Yes



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
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

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

Mini-Fit Jr.™ TPA Cable Assembly [45135](#)
Mini-Fit Jr.™ Cable Assembly [245135](#)

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

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

Engineering Number	5569-02A2
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Reference - Drawing Numbers

Packaging Specification	PK-5569-002, SPK-5569-NA2
Product Specification	PS-45750-001, PS-5556-001, RPS-5557-046, TS-5556-002
Sales Drawing	SDA-5569-NA2*-*

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