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Part Number: [0039300020](#)

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-0, Tin (Sn) Plating

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

[Product Specification PS-5557-045 \(PDF\)](#)

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

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

[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 800753629332

Physical

Breakaway No

Circuits (Loaded) 2

Circuits (maximum) 2

Color - Resin Natural

Durability (mating cycles max) 30

First Mate / Last Break No

Flammability 94V-0

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 0.901/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

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

| | |
|--------------------------------|-----------------|
| 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

| | |
|-----------------|---------------|
| Old Part Number | 5569-02A2-210 |
|-----------------|---------------|

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | PK-5569-002 |
| Product Specification | PS-45750-001, PS-5556-001, PS-5557-045, RPS-5557-008, RPS-5557-055, TS-5556-002 |
| Sales Drawing | SDA-5569-NA2*-* |

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