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Part Number: 39-30-1021

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, 0.76µm Gold (Au) Plating

**Documents:** 

3D Model Packaging Specification PK-5569-002 (PDF)

<u>Drawing (PDF)</u>
Product Specification PS-45750-001 (PDF)

Test Summary TS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-5556-001 (PDF)

**Agency Certification** 

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>5569</u>

Application Power, Wire-to-Board

Comments Current = 13A max. per circuit when header is mated

0.867/q

0.762µm

to a receptacle loaded with <u>45750 Mini-Fit® Plus HCS</u> 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 800753580091

**Physical** 

Net Weight

Plating min - Termination

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 Gold Material - Plating Termination Matte Tin Material - Resin Nylon

Number of Rows 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 0.762µm

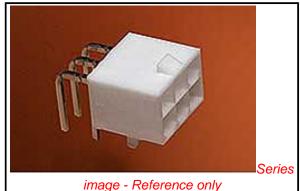


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

5569 Series

**Mates With** 

5557 Mini-Fit Jr.™ Receptacle Housing

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

No

Surface Mount Compatible (SMC)

Yes

Yes

Yes

No

No

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Through Hole

**Electrical** 

Current - Maximum per Contact 13A Voltage - Maximum 600V

**Solder Process Data** 

Duration at Max. Process Temperature (seconds) 5

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 5569-02A2G

**Reference - Drawing Numbers** 

Packaging Specification PK-5569-002

Product Specification PS-45750-001, PS-5556-001

Sales Drawing SDA-5569-NA2\*-\*
Test Summary TS-5556-002

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