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Part Number: [0039303057](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr.™ Header, Single Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 5 Circuits, PA Polyamide Nylon 6/6, 94V-2, (Au) Plating

Documents:

[3D Model](#) [Application Specification AS-5557-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#)

Agency Certification

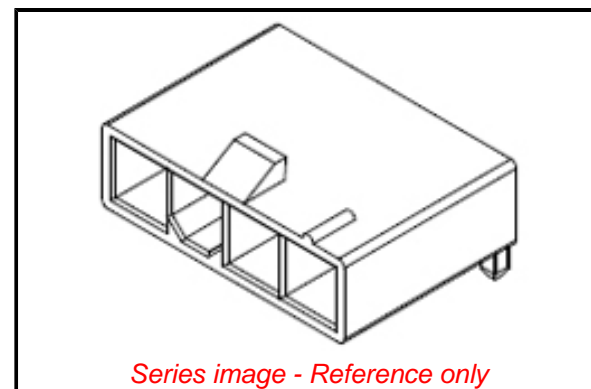
CSA LR19980
 UL E29179

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 800754380843

Physical

Breakaway No
 Circuits (Loaded) 5
 Circuits (maximum) 5
 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
 Net Weight 1.778/g
 Number of Rows 1
 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
 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/30/2017 (7 July 2017)

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 | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[5569](#) Series

Mates With

[39-01-4050](#) Receptacle

| | |
|--------------------------------|-----------------|
| 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 | 5569-05A4G |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|---------------------------|-----------------|
| Application Specification | AS-5557-001-001 |
| Product Specification | PS-5556-001 |
| Sales Drawing | SDA-5569-NL* |

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