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Part Number: [0039314248](#)
Status: **Active**
Overview: [minifit_jr](#)
Description: 4.20mm Pitch Mini-Fit Jr.™ Header, Dual Row, Right Angle, with PCB Mounting Flanges, 24 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) over Nickel (Ni)

Documents:

[3D Model](#) [Product Specification PS-5556-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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-5556001 for additional current de-rating information.

Overview [minifit_jr](#)
 Product Name Mini-Fit Jr.™

Physical

Breakaway No
 Circuits (Loaded) 24
 Circuits (maximum) 24
 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 Tin
 Material - Plating Termination Nickel
 Material - Resin Nylon
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 3.60mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.78mm
 Packaging Type Bag
 Pitch - Mating Interface 4.20mm
 Pitch - Termination Interface 4.20mm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) No

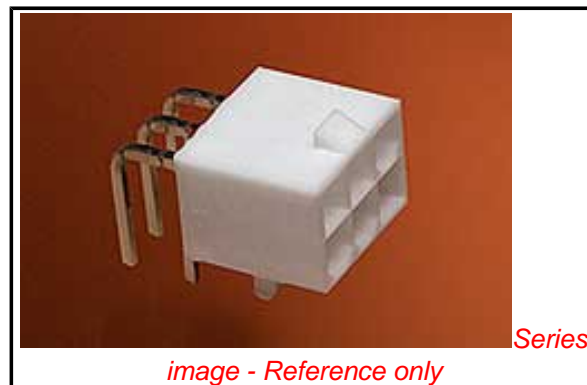


image - Reference only

Series

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[5569](#)Series

Mates With

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

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

Electrical

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

Material Info

Old Part Number A-5569-24A1S-210

Reference - Drawing Numbers

Product Specification PS-5556-001
Sales Drawing SD-5569-002

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