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Part Number: **0039300080**
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 8 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) 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 800753580077

Physical

Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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 2.933/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
 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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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](#)

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	5569-08A2-210
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Reference - Drawing Numbers

Application Specification	AS-5557-001-001
Product Specification	PS-5556-001
Sales Drawing	SDA-5569-NA2*-*

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