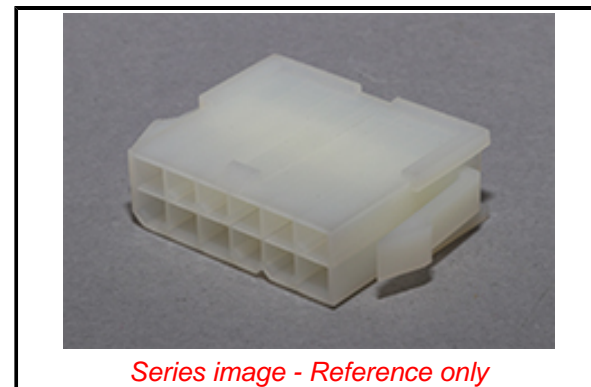


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039012121](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: Mini-Fit Jr. Plug Housing, Dual Row, 12 Circuits, UL 94V-2, with Panel Mounting Ears, Natural

Documents:

Drawing (PDF)	Application Specification AS-5557-001-001 (PDF)
3D Model	Packaging Specification PK-5559-001-001 (PDF)
Product Specification PS-45750-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-001-001 (PDF)	



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	5559
3D Viewer	Yes
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
Overview	Mini-Fit Jr. Power Connectors
Product Name	Mini-Fit Jr.
UPC	800753755161

Physical

Breakaway	No
Circuits (maximum)	12
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	3.769/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Electrical

Current - Maximum per Contact	13.0A
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Material Info

Engineering Number	5559-12P
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EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[5559](#) Series

Mates With

Dual Row Receptacle Housing [5557](#)

Use With

[5558](#) , [30490](#) Male Terminal, [46012](#) Mini-Fit Plus Crimp Terminal

Reference - Drawing Numbers

Application Specification

AS-5557-001-001

Packaging Specification

PK-5559-001-001

Product Specification

PS-45750-001-001, PS-5556-001-001

Sales Drawing

SD-5559-NP-000

This document was generated on 08/19/2019

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