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Part Number: [0039012181](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: [Mini-Fit Jr.™ Plug Housing, Dual Row, 18 Circuits, UL 94V-2, Natural](#)

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-45750-001 \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#)
[Packaging Specification PK-5559-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Crimp Housings
Series [5559](#)
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.. Not for use with Strain Relief.
Yes
MolexKits [Mini-Fit Jr.™ Power Connectors](#)
Overview [Mini-Fit Jr.™](#)
Product Name [Mini-Fit Jr.™](#)
UPC 800753583993

Physical

Breakaway No
Circuits (maximum) 18
Color - Resin Natural
Flammability 94V-2
Gender Plug
Glow-Wire Compliant No
Material - Resin Nylon
Net Weight 5288.300/mg
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°C to +105°C

Electrical

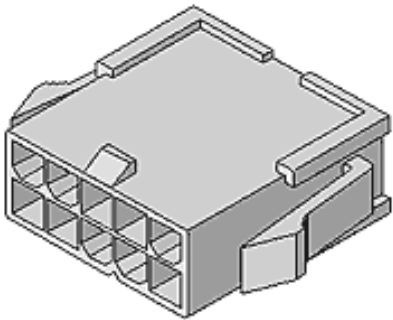
Current - Maximum per Contact 13.0A

Material Info

Old Part Number 5559-18P

Reference - Drawing Numbers

Packaging Specification PK-5559-001
Product Specification PS-45750-001, PS-5556-001
Sales Drawing SD-5559-NP



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

Green Image

Not Relevant

Search Parts in this Series

[5559](#) Series

Mates With

[5557](#) Dual Row Receptacle Housing

Use With

[5558](#) , [30490](#) Male Terminal

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