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Part Number:

0039012021

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Dual Row, 2 Circuits, UL 94V-2, with Panel Mounting Ears, Natural

- Documents:
- 3D Model (PDF)

Application Specification 55560001-AS-000 (PDF)
- 3D Model

Application Specification AS-5557-001-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-5559-001-001 (PDF)
- Product Specification PS-45750-001-001 (PDF)

Test Summary 55560010-TS-000 (PDF)
- Product Specification PS-5556-001-001 (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.

Overview

Mini-Fit Family Power Connectors

Product Name

Mini-Fit Jr.

UPC

800753584266

Physical

Breakaway

No

Circuits (maximum)

2

Color - Resin

Natural

Flammability

94V-2

Gender

Plug

Glow-Wire Capable

No

Material - Resin

Nylon

Net Weight

1.237/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

Material Info

Engineering Number

5559-02P

Reference - Drawing Numbers

Application Specification

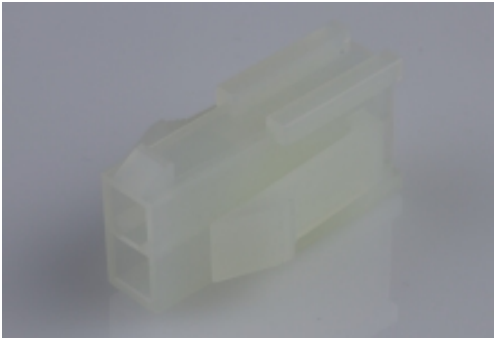
55560001-AS-000, AS-5557-001-001

Packaging Specification

PK-5559-001-001

Product Specification

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

5559 Series

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#)  
<br>Mini-Fit Jr. TPA Cable Assembly [45135](#)  
<br>Mini-Fit Jr. Cable Assembly [245135](#)

Use With

Mini-Fit Male Crimp Terminals [5558](#)  
<br>Mini-Fit Plus HCS Crimp Terminals  
[46012](#) <br>Mini-Fit Jr. Grounding Pin [30490](#)  
<br>Mini-Fit Pre-Crimped Leads [797580005](#)  
, [797580013](#)

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