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Part Number:

0039014047

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Single Row, 4 Circuits, UL 94V-0, without Panel Mounting Ears, Natural

Documents:

- 3D Model

Application Specification AS-5557-001-001 (PDF)
- 3D Model (PDF)

Packaging Specification PK-5559-003-001 (PDF)
- Drawing (PDF)

Test Summary 55560010-TS-000 (PDF)
- Product Specification PS-45750-001-001 (PDF)

Test Summary TS-5556-002-001 (PDF)
- Product Specification PS-5556-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 55560001-AS-000 (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.

Taxonomy

Connector Housings

UPC

756054855072

Physical

Breakaway

No

Circuits (maximum)

4

Color - Resin

Natural

Flammability

94V-0

Gender

Plug

Glow-Wire Capable

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Resin

Nylon

Net Weight

1.458/g

Number of Rows

1

Packaging Type

Bag

Panel Mount

No

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

Solder Process Data

Lead-freeProcess Capability

N/A



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -

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

Mini-Fit Jr. Receptacle Housing [39014041](#)

Mini-Fit TPA2 Cable Assembly [145135](#)

Use With

Mini-Fit Male Crimp Terminals [5558](#)

Mini-Fit Plus HCS Crimp Terminals [46012](#)
Mini-Fit Jr. Grounding Pin [30490](#)

Mini-Fit Pre-Crimped Leads [797580005](#)
, [797580013](#)
Mini-Fit Jr. Backshell [204723](#)

Material Info

Engineering Number 5559-04P3-210

Reference - Drawing Numbers

Application Specification 55560001-AS-000, AS-5557-001-001
Packaging Specification PK-5559-003-001
Product Specification PS-45750-001-001, PS-5556-001-001
Sales Drawing 55590002-SD-000
Test Summary 55560010-TS-000, TS-5556-002-001

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