

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039012106

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Dual Row, 10 Circuits, UL 94V-0, with Panel Mounting Ears, Natural

Documents:

- Drawing (PDF)

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

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

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.

Taxonomy

Connector Housings

UPC

800753757684

Physical

Breakaway

No

Circuits (maximum)

10

Color - Resin

Natural

Flammability

94V-0

Gender

Plug

Glow-Wire Capable

No

Material - Resin

Nylon

Net Weight

3291.600/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° to +105°C

Electrical

Current - Maximum per Contact

13.0A

Material Info

Engineering Number

5559-10P-210

Reference - Drawing Numbers

Application Specification

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

Packaging Specification

PK-5559-001-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

5559 Series

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit Jr. Cable Assembly [245135](#)

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](#)

Product Specification
Sales Drawing
Test Summary

PS-45750-001-001, PS-5556-001-001
55590020-SD-000
55560010-TS-000

This document was generated on 10/07/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION