

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039014053

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Single Row, 5 Circuits, UL 94V-0, with Panel Mounting Ears, Natural

Documents:

- Drawing (PDF)

3D Model (PDF)

3D Model

Product Specification PS-45750-001-001 (PDF)

Product Specification PS-5556-001-001 (PDF)

Application Specification 55560001-AS-000 (PDF)
- Application Specification AS-5557-001-001 (PDF)

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

Test Summary 55560010-TS-000 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Crimp Housings

5559

Power, Wire-to-Board, Wire-to-Wire

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

Product Name

UPC

Mini-Fit Family Power Connectors

Mini-Fit Jr.

800753584129

Physical

Breakaway

Circuits (maximum)

Color - Resin

Flammability

Gender

Glow-Wire Capable

Keying to Mating Part

Lock to Mating Part

Material - Resin

Net Weight

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Stackable

Temperature Range - Operating

No

5

Natural

94V-0

Plug

No

None

Yes

Nylon

2.099/g

1

Bag

Yes

4.20mm

4.20mm

Yes

No

-40° to +105°C

Electrical

Current - Maximum per Contact

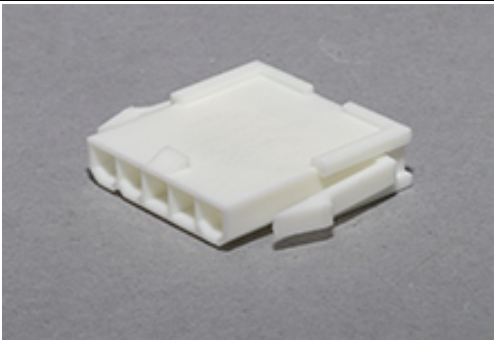
13.0A

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

5559 Series

Mates With

Mini-Fit Jr. Receptacle Housing [39014051](#)

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](#)

Engineering Number	5559-05P2-210
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

This document was generated on 07/13/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION