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Part Number:

0039012100

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Natural

Documents:

- Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification 55560002-PS-CH-000 (PDF)

Product Specification 55560002-PS-ES-000 (PDF)

Product Specification 55560002-PS-SK-000 (PDF)

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

Product Specification PS-5556-001-001 (PDF)
- Product Specification PS-5556-002-001 (PDF)

Application Specification 55560001-AS-000 (PDF)

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

Packaging Specification PK-5557-002-000 (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

5557

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.. Glow Wire Equivalent Part.

Overview

Product Name

UPC

Mini-Fit Family Power Connectors

Mini-Fit Jr.

800753584365

Physical

Breakaway

Circuits (maximum)

Color - Resin

Flammability

Gender

Glow-Wire Capable

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

10

Natural

94V-2

Receptacle

No

Nylon

2.128/g

2

Bag

No

4.20mm

4.20mm

Yes

No

-40° to +105°C

Electrical

Current - Maximum per Contact

13.0A

Solder Process Data

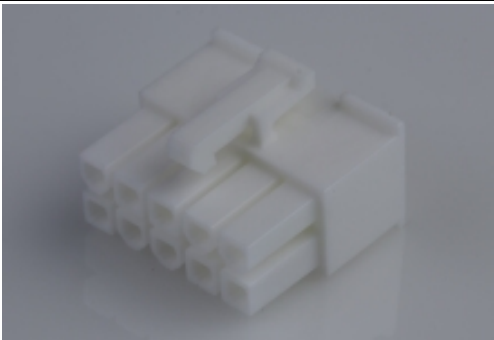
Lead-freeProcess Capability

N/A

Material Info

Engineering Number

5557-10R



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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

5557 Series

Mates With

5559 Dual Row, 5566 Vertical with Pegs, 5566 Vertical without Pegs, 5569 Right Angle Dual Row with Flanges, 5569 Right Angle Dual Row with Pegs, 43810 , 44068 , 44281 , 87427 , 42404 , 42440

Use With

Mini-Fit Female Crimp Terminals 5556

Mini-Fit Plus HCS Crimp Terminal 45750
Mini-Fit Pre-Crimped Leads 797580001 , 797580009
Mini-Fit Jr. Backshell 204723

Reference - Drawing Numbers

Application Specification	55560001-AS-000, AS-5557-001-001
Packaging Specification	PK-5557-002-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-45750-001-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5557-003-000
Test Summary	55560010-TS-000, TS-5556-002-001

This document was generated on 06/25/2021

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