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Part Number:

50-36-1681

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit Jr.™ Plug Housing, Single Row without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, 5 Circuits, Glow Wire Compatible



image - Reference onlySeries

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Product Specification PS-5556-001 (PDF)

Packaging Specification PK-5559-003 (PDF)

Test Summary TS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

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 Jr.™ Power Connectors

Mini-Fit Jr.™

800756824239

Physical

Breakaway

Circuits (maximum)

Color - Resin

Gender

Glow-Wire Compliant

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

Ports

Stackable

Temperature Range - Operating

No

5

Black

Plug

Yes

None

Yes

Nylon

1.882/g

1

Bag

No

4.20mm

4.20mm

Yes

1

No

-40°C to +105°C

Electrical

Current - Maximum per Contact

13A

Material Info

Old Part Number

5559-05P3-225

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-5559-003

PS-45750-001, PS-5556-001

SD-5559-525

TS-5556-002

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

5559Series

Mates With

5557 Receptacle Housing

Use With

5558 Male Terminal

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