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Part Number: 50-36-1738
Status: Active
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit Jr.™ Plug Housing, Dual Row without Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-0, Panel Mount, 10 Circuits, Glow Wire Compatible



Series

image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-45750-001 (PDF)
- Product Specification PS-5556-001 (PDF)
- Packaging Specification PK-5559-002 (PDF)
- Test Summary TS-5556-002 (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 Jr.™ Power Connectors
Product Name Mini-Fit Jr.™
UPC 883906398576

Physical

Circuits (maximum) 10
Color - Resin Black
Flammability 94V-0
Gender Plug
Glow-Wire Compliant Yes
Keying to Mating Part None
Lock to Mating Part Yes
Material - Resin Nylon
Net Weight 2.950/g
Number of Rows 2
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°C to +105°C

Electrical

Current - Maximum per Contact 13A

Material Info

Old Part Number 5559-10P1-225

Reference - Drawing Numbers

Packaging Specification PK-5559-002
Product Specification PS-45750-001, PS-5556-001

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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