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Part Number:

0039013023

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Dual Row, 2 Circuits, UL 94V-2, without Panel Mounting Ears, Natural



Series image - Reference only

- Documents:
- Drawing (PDF)

3D Model

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

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

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

Packaging Specification PK-5559-002-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Crimp Housings
Series	5559
3D Viewer	Yes
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.
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Overview	Mini-Fit Jr. Power Connectors
Product Name	Mini-Fit Jr.
UPC	800753617926
Physical	
Breakaway	No
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.857/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° to +105°C
Electrical	
Current - Maximum per Contact	13.0A

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

Receptacle Housing 39013028 . Receptacle Housing 39012025
Mini-Fit Jr. TPA Cable Assembly 45135
Mini-Fit Jr. Cable Assembly 245135

Use With

5558 Mini-Fit Jr. Male Crimp Terminals. 30490 Mini-Fit Male Grounding Crimp Terminals
 46012 Mini-Fit Plus Crimp Terminal

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Engineering Number5559-02P1

Reference - Drawing Numbers

Application SpecificationAS-5557-001-001
Packaging SpecificationPK-5559-002-001
Product SpecificationPS-45750-001-001, PS-5556-001-001
Sales Drawing55590001-SD-000
Test SummaryTS-5556-002-001

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