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Part Number:

0039014057

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Plug Housing, Single Row, 5 Circuits, UL 94V-0, without Panel Mounting Ears, Natural

- Documents:
- 3D Model (PDF)

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

Packaging Specification PK-5559-003-001 (PDF)
- 3D Model

Test Summary 55560010-TS-000 (PDF)
- Product Specification PS-45750-001-001 (PDF)

Test Summary TS-5556-002-001 (PDF)
- Product Specification PS-5556-001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 55560001-AS-000 (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 Family Power Connectors
Product Name	Mini-Fit Jr.
Taxonomy	Connector Housings
UPC	800753584136
Physical	
Breakaway	No
Circuits (maximum)	5
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.816/g
Number of Rows	1
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
Solder Process Data	
Lead-freeProcess Capability	N/A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

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](#)

Material Info

Engineering Number 5559-05P3-210

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

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