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Part Number: [0039014051](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Receptacle Housing, Single Row, 5 Circuits, UL 94V-0, Natural](#)

Documents:

Drawing (PDF)	Product Specification PS-5556-002-001 (PDF)
3D Model	Application Specification 55560001-AS-000 (PDF)
3D Model (PDF)	Application Specification AS-5557-001-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Packaging Specification PK-5557-002-000 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Test Summary 55570000-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)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	5557
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	800753584112

Physical

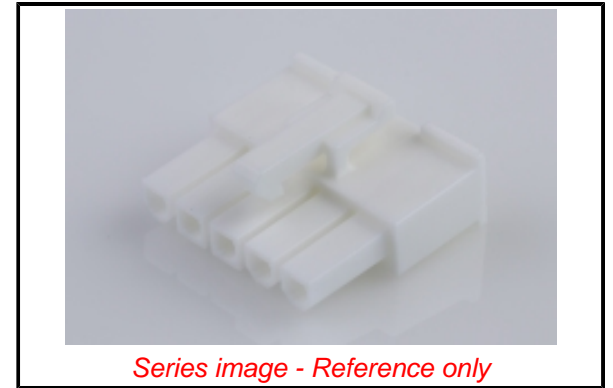
Breakaway	No
Circuits (maximum)	5
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.400/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Electrical

Current - Maximum per Contact	13.0A
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Solder Process Data

Lead-freeProcess Capability	N/A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[5557 Series](#)

Mates With

[39014053](#) Panel Mount Plug, [39014057](#) Free Hanging Plug, [39302056](#) Vertical Header, [39302058](#) Vertical Header, [39303056](#) Right Angle Header

Use With

Mini-Fit Female Crimp Terminals [5556](#)

Mini-Fit Plus HCS Crimp Terminal
[45750](#)
Mini-Fit Pre-Crimped Leads
[797580001](#) , [797580009](#)

Material Info

Engineering Number

5557-05R2-210

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

55570002-SD-000

Test Summary

55560010-TS-000, 55570000-TS-000,

TS-5556-002-001

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