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Part Number: [0039013125](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Receptacle Housing, Dual Row, 12 Circuits, UL 94V-2, Black](#)

Documents:

3D Model	Application Specification 55560001-AS-000 (PDF)
Drawing (PDF)	Packaging Specification PK-5557-002-000 (PDF)
3D Model (PDF)	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)
Product Specification PS-5556-002-001 (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.. See Molex product specification. Mini-Fit Family Power Connectors
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800753426016

Physical

Breakaway	No
Circuits (maximum)	12
Color - Resin	Black
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.873/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
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Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Engineering Number	5557-12R-BL
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

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

[5559](#) Crimp Housings, [5566](#) PCB Headers, [5569](#) PCB Headers, [43810](#) PCB Headers, [44068](#) PCB Headers, [44281](#) PCB Headers, [87427](#) PCB Headers, [42404](#) PCB Headers, [42440](#) PCB Headers

Use With

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

Mini-Fit Plus HCS Crimp Terminal [45750](#)
Mini-Fit Pre-Crimped Leads [797580001](#) , [797580009](#)
Mini-Fit Jr. Backshell [204723](#)

Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	PK-5557-002-000
Product Specification	PS-45750-001-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5557-003-000
Test Summary	55560010-TS-000, TS-5556-002-001

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