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Part Number: [0039012240](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Receptacle Housing, Dual Row, 24 Circuits, UL 94V-2, Natural](#)

Documents:

3D Model	Product Specification PS-5556-002-001 (PDF)
Drawing (PDF)	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 TS-5556-002-001 (PDF)
Product Specification PS-45750-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-001-001 (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.. Glow Wire Equivalent Part. Mini-Fit Family Power Connectors
Overview	Mini-Fit Jr.
Product Name	Connector Housings
Taxonomy	800753584051
UPC	

Physical

Breakaway	No
Circuits (maximum)	24
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	4701.100/mg
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

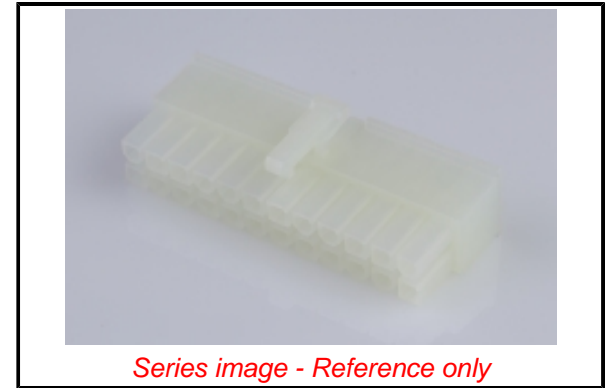
Electrical

Current - Maximum per Contact	13.0A
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Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

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

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[5557](#) Series

Mates With

[5559](#) Dual Row, [5566](#) Vertical with Pegs, [5566](#) Vertical without Pegs, [5569](#) Right Angle Dual Row with Flanges, [5569](#) Right Angle Dual Row with Pegs, [43810](#) , [44068](#) , [44281](#) , [87427](#) , [42404](#) , [42440](#)

Use With

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

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

Engineering Number	5557-24R
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	SD-5557-003-000
Test Summary	55560010-TS-000, TS-5556-002-001

This document was generated on 09/02/2022

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