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Part Number: [0039012100](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: [Mini-Fit Jr.™ Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Natural](#)

Documents:

3D Model	Product Specification TS-5556-002 (PDF)
Drawing (PDF)	Packaging Specification PK-5557-002 (PDF)
Product Specification PS-5556-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5557-001 (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.
MolexKits	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Product Name	Mini-Fit Jr.™
UPC	800753584365

Physical

Breakaway	No
Circuits (maximum)	10
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Compliant	No
Material - Resin	Nylon
Net Weight	2.128/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°C to +105°C

Electrical

Current - Maximum per Contact	13.0A
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Solder Process Data

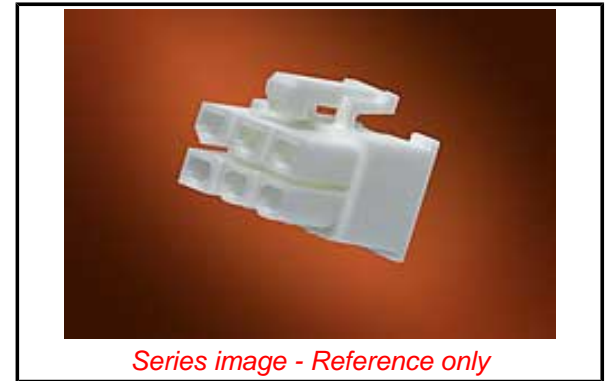
Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	5557-10R
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Reference - Drawing Numbers

Packaging Specification	PK-5557-002
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

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

[5556](#) Mini-Fit® Female Crimp Terminals, [45750](#) Mini-Fit® Plus HCS Crimp Terminal

Product Specification

Sales Drawing

PS-5556-001, PS-5557-001, RPS-5557-001,
RPS-5557-043, RPS-5557-045, RPS-5566-002,
TS-5556-002
SD-5557-003

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