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Part Number: [0455870002](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr.™ Receptacle Housing, Second Generation Polarization Type for PCIe* applications, Dual Row, UL 94V-0, 8 Circuits, Black

Documents:

3D Model	Packaging Specification PK-5557-002-000 (PDF)
Drawing (PDF)	Packaging Specification PK-5557-003-001 (PDF)
Product Specification TS-5556-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	45587
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 Jr. Power Connectors
Product Name	Mini-Fit Jr.™
UPC	822348057092

Physical

Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.800/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

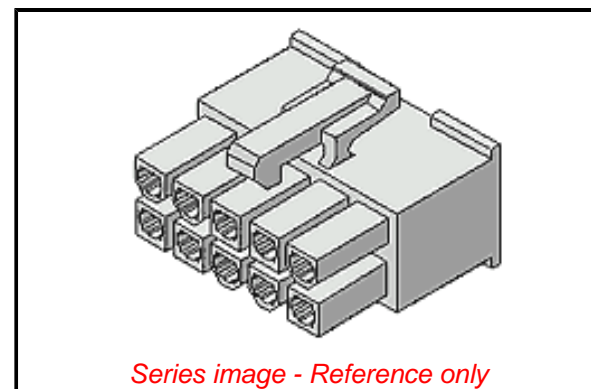
Current - Maximum per Contact	13.0A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-5557-002-000, PK-5557-003-001
Product Specification	TS-5556-002-001
Sales Drawing	SD-45587-001

*PCIe is a registered trademark of PCI-SIG®.



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45587](#) Series

Mates With

[45586](#) Mini-Fit Jr.™ Header

Use With

[5556](#) Mini-Fit® Crimp Terminal

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