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**Part Number:** **0455590002**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit Jr.™ Receptacle Housing, Dual Row, Custom for PCI Express\* High-end Graphics Add-In Card Applications Only

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-5557-002-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-5557-003-001 (PDF)</a>
<a href="#">Product Specification PS-45558-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<u>45559</u>
Application	Power, Wire-to-Board, Wire-to-Wire
Overview	<u>Mini-Fit Jr.™ Power Connectors</u>
Product Name	Mini-Fit Jr.™
UPC	822348196876

**Physical**

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.400/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

**Electrical**

Current - Maximum per Contact	9.0A
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**Solder Process Data**

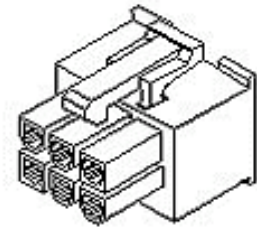
Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-5557-002-000, PK-5557-003-001
Product Specification	PS-45558-001-001
Sales Drawing	SD-45559-001

\*PCI Express is a registered trademark of PCI-SIG®.



*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**

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environmental compliance?**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

45559 Series

**Mates With**

45558 , 45718

**Use With**

5556