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**Part Number:** [0039014040](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit Jr.™ Receptacle Housing, Single Row, 4 Circuits, UL 94V-2, Natural](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-5557-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5556-001 \(PDF\)](#)

**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 Jr.™ Power Connectors](#)  
 Overview [Mini-Fit Jr.™](#)  
 Product Name Mini-Fit Jr.™  
 UPC 800754314961

**Physical**

Breakaway No  
 Circuits (maximum) 4  
 Color - Resin Natural  
 Flammability 94V-2  
 Gender Receptacle  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Net Weight 1.200/g  
 Number of Rows 1  
 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

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 5557-04R2

**Reference - Drawing Numbers**

Packaging Specification PK-5557-002



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](mailto: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**

[39-01-4046](#) Free Hanging Plug, [39-30-2045](#) Vertical Header, [39-30-2047](#) Vertical Header, [39-30-3045](#) Right Angle Header, [39-30-3047](#) Right Angle Header

**Use With**

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

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