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**Part Number:** [0039012245](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Mini-Fit Jr. Receptacle Housing, Dual Row, 24 Circuits, UL 94V-0, Natural

**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.

Overview [minifit\\_power\\_connector\\_solutions](#)  
 Product Name Mini-Fit Jr.  
 UPC 800753694439

**Physical**

Breakaway No  
 Circuits (maximum) 24  
 Color - Resin Natural  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Capable No  
 Material - Resin Nylon  
 Net Weight 4742.300/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

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 5557-24R-210

**Reference - Drawing Numbers**

Application Specification 55560001-AS-000, AS-5557-001-001  
 Packaging Specification PK-5557-002-000  
 Product Specification 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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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

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