

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039012065](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** [Mini-Fit Jr. Receptacle Housing, Dual Row, 6 Circuits, UL 94V-0, Natural](#)

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification TS-5556-002-001 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification AS-5557-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-45750-001-001 (PDF)</a> | <a href="#">Packaging Specification PK-5557-002-000 (PDF)</a>   |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings   |
| Series         | <a href="#">5557</a>   |
| Application    | Power, Wire-to-Board, Wire-to-Wire   |
| Comments       | Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information. . Use with Strain Relief. |
| Overview       | <a href="#">Mini-Fit Jr. Power Connectors</a>  |
| Product Name   | Mini-Fit Jr.   |
| UPC            | 800753584334   |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Breakaway                     | No             |
| Circuits (maximum)            | 6              |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Material - Resin              | Nylon          |
| Net Weight                    | 1.405/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° to +105°C |

**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |              |
|--------------------|--------------|
| Engineering Number | 5557-06R-210 |
|--------------------|--------------|

**Reference - Drawing Numbers**

|                           |                 |
|---------------------------|-----------------|
| Application Specification | AS-5557-001-001 |
| Packaging Specification   | PK-5557-002-000 |



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

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**

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

Product Specification

Sales Drawing

PS-45750-001-001, PS-5556-001-001,  
TS-5556-002-001  
SD-5557-003-000

This document was generated on 10/19/2018

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