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**Part Number:** [0039012040](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit Jr.™ Receptacle Housing, Dual Row, 4 Circuits, UL 94V-2, Natural](#)

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-5556-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Test Summary TS-5556-002 (PDF)</a>          |
| <a href="#">Product Specification PS-45750-001 (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. |
| MolexKits      | Yes  |
| Overview       | <a href="#">Mini-Fit Jr.™ Power Connectors</a>   |
| Product Name   | Mini-Fit Jr.™  |
| UPC            | 800753584297   |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Breakaway                     | No              |
| Circuits (maximum)            | 4               |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-2           |
| Gender                        | Receptacle      |
| Glow-Wire Compliant           | No              |
| Material - Resin              | Nylon           |
| Net Weight                    | 1.025/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 |
|-------------------------------|-------|

**Solder Process Data**

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

**Material Info**

|                 |          |
|-----------------|----------|
| Old Part Number | 5557-04R |
|-----------------|----------|

**Reference - Drawing Numbers**

|                       |   |
|-----------------------|---|
| Product Specification | PS-45750-001, PS-5556-001, RPS-501566-001, RPS-5557-001 |
|-----------------------|---|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**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 | Green Image  |
| ELV        | Not Relevant |

**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

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