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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:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification TS-5556-002-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-5557-002-000 (PDF)</a> |
| <a href="#">Product Specification PS-45750-001-001 (PDF)</a> | <a href="#">Test Summary 55570000-TS-000 (PDF)</a>            |
| <a href="#">Product Specification PS-5556-001 (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.. See Molex product specification. |
| Overview       | <a href="#">Mini-Fit Jr.™ Power Connectors</a>   |
| 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-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

|                    |           |
|--------------------|-----------|
| Engineering Number | 5557-04R2 |
|--------------------|-----------|

**Reference - Drawing Numbers**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**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

Packaging Specification  
Product Specification  
Sales Drawing  
Test Summary

PK-5557-002-000  
PS-45750-001-001, PS-5556-001, TS-5556-002-001  
SD-5557-NR2\*  
55570000-TS-000

This document was generated on 03/21/2017

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