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**Part Number:** [50-36-1667](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit Jr.™ Receptacle Housing, Dual Row, PA Polyamide Nylon 6/6, UL 94V-0, 24 Circuits, Glow Wire Compatible

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification PK-5557-003 (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>      |
| <a href="#">Product Specification PS-5556-001 (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       | This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695- 2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |

|              |  |
|--------------|--|
| Overview     | <a href="#">Mini-Fit Jr.™ Power Connectors</a> |
| Product Name | Mini-Fit Jr.™                                  |
| UPC          | 800756781686                                   |

**Physical**

|                       |            |
|-----------------------|------------|
| Breakaway             | No         |
| Circuits (maximum)    | 24         |
| Color - Resin         | Black      |
| Flammability          | 94V-0      |
| Gender                | Receptacle |
| Glow-Wire Compliant   | Yes        |
| Keying to Mating Part | None       |
| Lock to Mating Part   | Yes        |
| Material - Resin      | Nylon      |
| Net Weight            | 4.825/g    |
| Number of Rows        | 2          |
| Packaging Type        | Bag        |
| Panel Mount           | No         |

|   |  |
|---|--|
| <b>EU RoHS</b><br><b>ELV and RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br><b>Contains SVHC: No</b><br><b>Low-Halogen Status</b><br><b>Low-Halogen</b> | <b>China RoHS</b><br> |
|---|--|

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[5557Series](#)

**Mates With**  
[5559 Crimp Housings Plug,](#)

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

|                               |                 |
|-------------------------------|-----------------|
| Pitch - Mating Interface      | 4.20mm          |
| Pitch - Termination Interface | 4.20mm          |
| Polarized to Mating Part      | Yes             |
| Ports                         | 1               |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |

**Electrical**

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | 13A |
|-------------------------------|-----|

**Material Info**

|                 |              |
|-----------------|--------------|
| Old Part Number | 5557-24R-225 |
|-----------------|--------------|

**Reference - Drawing Numbers**

|                         |                           |
|-------------------------|---------------------------|
| Packaging Specification | PK-5557-003               |
| Product Specification   | PS-45750-001, PS-5556-001 |
| Sales Drawing           | SD-5557-003               |
| Test Summary            | TS-5556-002               |

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