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**Part Number:** [0039012200](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit Jr. Receptacle Housing, Dual Row, 20 Circuits, UL 94V-2, Natural

**Documents:**

|                                                              |                                                                 |
|--------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 55560001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Application Specification AS-5557-001-001 (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 55560010-TS-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. |
| Overview       | <a href="#">Mini-Fit Family Power Connectors</a>                                                                                                                                                                                           |
| Product Name   | Mini-Fit Jr.                                                                                                                                                                                                                               |
| UPC            | 800753584013                                                                                                                                                                                                                               |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Breakaway                     | No             |
| Circuits (maximum)            | 20             |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-2          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Material - Resin              | Nylon          |
| Net Weight                    | 3965.900/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**

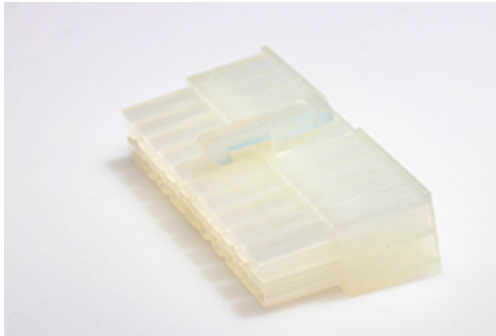
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |          |
|--------------------|----------|
| Engineering Number | 5557-20R |
|--------------------|----------|

**Reference - Drawing Numbers**

|                           |                                  |
|---------------------------|----------------------------------|
| Application Specification | 55560001-AS-000, AS-5557-001-001 |
|---------------------------|----------------------------------|



Series image - Reference only

**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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | 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](#)

Packaging Specification  
Product Specification  
Sales Drawing  
Test Summary

PK-5557-002-000  
PS-45750-001-001, PS-5556-001-001  
SD-5557-003-000  
55560010-TS-000

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