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Part Number: [0039013022](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Receptacle Housing, Dual Row, 2 Circuits, UL 94V-2, Natural](#)

Documents:

| | |
|--|---|
| Drawing (PDF) | Application Specification 55560001-AS-000 (PDF) |
| 3D Model | Packaging Specification PK-5557-002-000 (PDF) |
| 3D Model (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification PS-45750-001-001 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-5556-002-001 (PDF) | |

Agency Certification

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

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 5557 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.. See Molex product specification. Mini-Fit Family Power Connectors |
| Overview | Mini-Fit Family Power Connectors |
| Product Name | Mini-Fit Jr. |
| UPC | 800754203449 |

Physical

| | |
|-------------------------------|----------------|
| Breakaway | No |
| Circuits (maximum) | 2 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 0.661/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

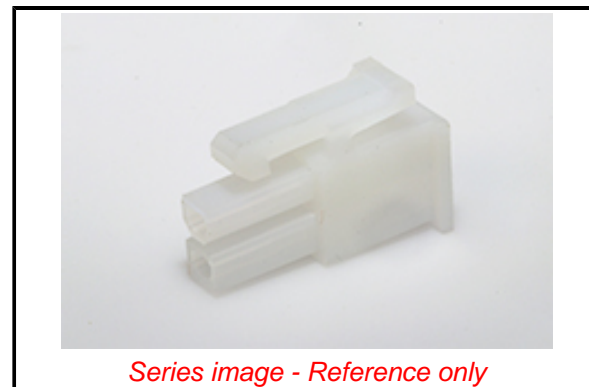
| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

Solder Process Data

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

Material Info

| | |
|--------------------|-----------|
| Engineering Number | 5557-02R1 |
|--------------------|-----------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
January 20

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[5557](#) Series

Mates With

[39012021](#) Panel Mount Plug, [39013023](#)
Free Hanging Plug, [5566](#) Vertical Headers,
[5569](#) Right Angle Headers

Use With

Mini-Fit Female Crimp Terminals [5556](#)

Mini-Fit Plus HCS Crimp Terminal
[45750](#)
Mini-Fit Pre-Crimped Leads
[797580001](#) , [797580009](#)
Mini-Fit Jr.
Backshell [204723](#)

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 55560001-AS-000 |
| Packaging Specification | PK-5557-002-000 |
| Product Specification | PS-45750-001-001, PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing | 55570001-SD-000 |
| Test Summary | 55560010-TS-000, TS-5556-002-001 |

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