

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039012080](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Receptacle Housing, Dual Row, 8 Circuits, UL 94V-2, Natural](#)

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-5556-002-001 (PDF) |
| Drawing (PDF) | Application Specification 55560001-AS-000 (PDF) |
| 3D Model (PDF) | Application Specification AS-5557-001-001 (PDF) |
| Product Specification 55560002-PS-CH-000 (PDF) | Packaging Specification PK-5557-002-000 (PDF) |
| Product Specification 55560002-PS-ES-000 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification 55560002-PS-SK-000 (PDF) | Test Summary 55570002-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) |

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.. Glow Wire Equivalent Part. Mini-Fit Family Power Connectors |
| Overview | Mini-Fit Family Power Connectors |
| Product Name | Mini-Fit Jr. |
| UPC | 800753644632 |

Physical

| | |
|-------------------------------|----------------|
| Breakaway | No |
| Circuits (maximum) | 8 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Material - Resin | Nylon |
| Net Weight | 1.800/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

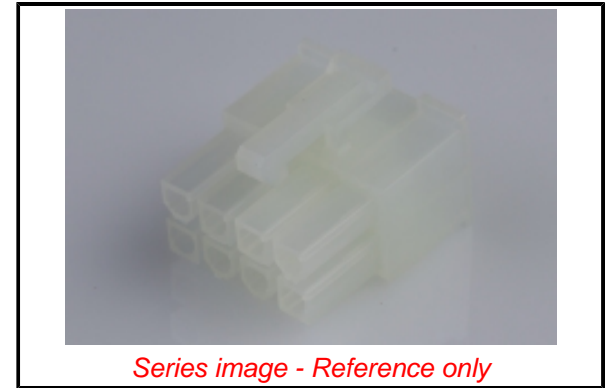
| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

| | |
|--------------------|----------|
| Engineering Number | 5557-08R |
|--------------------|----------|



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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](#)

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

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

Test Summary

55560001-AS-000, AS-5557-001-001

PK-5557-002-000

55560002-PS-CH-000, 55560002-PS-ES-000,

55560002-PS-SK-000, PS-45750-001-001,

PS-5556-001-001, PS-5556-002-001

SD-5557-003-000

55560010-TS-000, 55570002-TS-000,

TS-5556-002-001

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