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

Documents:

| | |
|--|---|
| 3D Model | Product Specification TS-5556-002-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-5557-002-000 (PDF) |
| Product Specification PS-45750-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-5556-001 (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.. Glow Wire Equivalent Part. |
| MolexKits | Yes |
| Overview | Mini-Fit Jr.™ 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 Compliant | No |
| Material - Resin | Nylon |
| Net Weight | 1.760/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°C to +105°C |

Electrical

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

Solder Process Data

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

Material Info

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

Reference - Drawing Numbers

| | |
|-------------------------|-----------------|
| Packaging Specification | PK-5557-002-000 |
|-------------------------|-----------------|



Series image - Reference only

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

| | |
|-----------------|---------------|
| 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

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

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