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Part Number: [0039012241](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: [Mini-Fit Jr.™ Plug Housing, Dual Row, 24 Circuits, UL 94V-2, with Panel Mounting Ears, Natural](#)

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-5556-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-5559-001-001 (PDF) |
| Product Specification PS-45750-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 5559 |
| 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. |

| | |
|--------------|--|
| Overview | Mini-Fit Jr.™ Power Connectors |
| Product Name | Mini-Fit Jr.™ |
| UPC | 800753627949 |

Physical

| | |
|-------------------------------|-----------------|
| Breakaway | No |
| Circuits (maximum) | 24 |
| Color - Resin | Natural |
| Flammability | 94V-2 |
| Gender | Plug |
| Glow-Wire Compliant | No |
| Material - Resin | Nylon |
| Net Weight | 6807.300/mg |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Panel Mount | Yes |
| 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

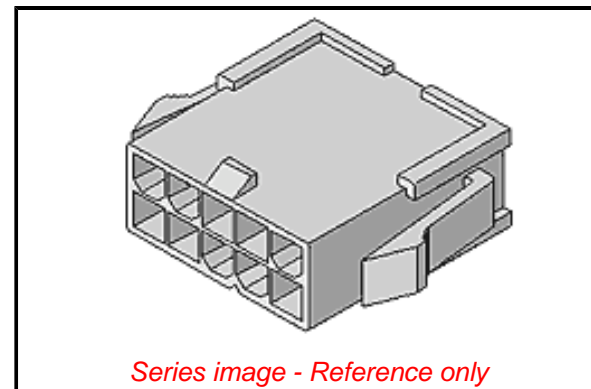
| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

Material Info

| | |
|--------------------|----------|
| Engineering Number | 5559-24P |
|--------------------|----------|

Reference - Drawing Numbers

| | |
|-------------------------|-------------------------------|
| Packaging Specification | PK-5559-001-001 |
| Product Specification | PS-45750-001-001, PS-5556-001 |
| Sales Drawing | SD-5559-NP-000 |



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

[5559](#) Series

Mates With

Dual Row Receptacle Housing [5557](#)

Use With

[5558](#) , [30490](#) Male Terminal

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