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Part Number: [0039014063](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Plug Housing, Single Row, 6 Circuits, UL 94V-0, with Panel Mounting Ears, Natural](#)

Documents:

| | |
|---|---|
| Drawing (PDF) | Application Specification AS-5557-001-001 (PDF) |
| 3D Model | Packaging Specification PK-5559-003-001 (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) |
| Application Specification 55560001-AS-000 (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 Family Power Connectors |
| Product Name | Mini-Fit Jr. |
| UPC | 889056557405 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 6 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Plug |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 2.543/g |
| Number of Rows | 1 |
| 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° to +105°C |

Electrical

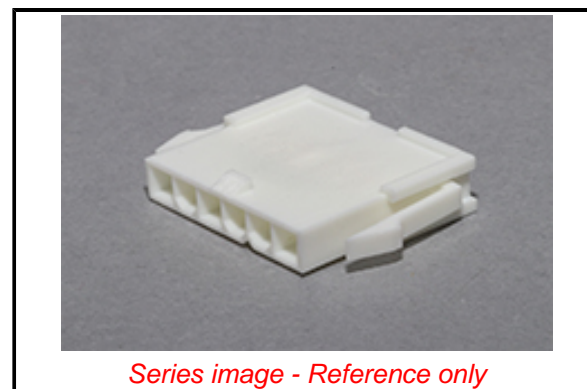
| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

Solder Process Data

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

Material Info

| | |
|--------------------|---------------|
| Engineering Number | 5559-06P2-210 |
|--------------------|---------------|



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[5559](#) Series

Mates With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit TPA2 Cable Assembly [145135](#)

Use With

Mini-Fit Male Crimp Terminals [5558](#)

Mini-Fit Plus HCS Crimp Terminals
[46012](#)
Mini-Fit Jr. Grounding Pin [30490](#)

Mini-Fit Pre-Crimped Leads [797580005](#)
, [797580013](#)

Reference - Drawing Numbers

| | |
|---------------------------|-----------------------------------|
| Application Specification | 55560001-AS-000, AS-5557-001-001 |
| Packaging Specification | PK-5559-003-001 |
| Product Specification | PS-45750-001-001, PS-5556-001-001 |
| Sales Drawing | 55590002-SD-000 |
| Test Summary | 55560010-TS-000, TS-5556-002-001 |

This document was generated on 10/05/2020

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