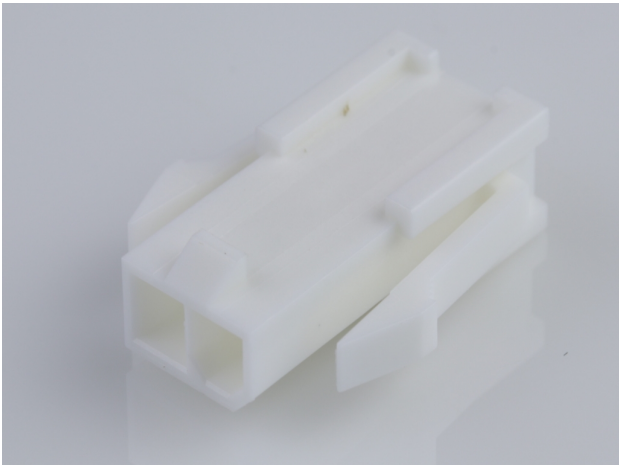




**Part Number :** [469990657](#)  
**Product Description :** Mini-Fit Jr. Plug Housing, Single Row, 2 Circuits, UL 94V-0, with Panel Mounting Ears, Natural  
**Series Number :** 5559  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** 5559-02P2-210



Documents & Resources

Drawings

[Drawing 469990657\\_sd.pdf](#)

3D Models and Design Files

[3D Model 469990657\\_stp.zip](#)

Specifications

[Application Specification AS-5557-001-001.pdf](#)

[Packaging Specification PK-5559-003-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	5559
Description	Mini-Fit Jr. Plug Housing, Single Row, 2 Circuits, UL 94V-0, with Panel Mounting Ears, Natural
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.
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	889056528160

#### Agency

CSA	LR19980
UL	E29179

#### Physical

Circuits (maximum)	2
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	1.173/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

#### Solder Process Data

Lead-Free Process Capability	N/A
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#### Mates With / Use With

##### Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	<u>5557</u>
Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assemblies	<u>145135</u>

##### Use with Part(s)

Description	Part Number
Pre-Crimped Lead Mini-Fit Male-to-Mini-Fit Male, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Red	<u>797580005</u>
Pre-Crimped Lead Mini-Fit Male-to-Mini-Fit Male, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red	<u>797580013</u>
Mini-Fit Male Crimp Terminals	<u>5558</u>
Mini-Fit Plus Male Crimp Terminals	<u>46012</u>
Mini-Fit Jr. Crimp Grounding Terminals	<u>30490</u>

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This document was generated on Sep 23, 2024