



Part Number : [39013169](#)

Series Number : 5559

Product Category : Connector Housings

Product Description : Mini-Fit Jr. Plug Housing, Dual Row, 16 Circuits, UL 94V-0, without Panel Mounting Ears, Natural

Status : Active

Engineering Number : 5559-16P1-210

Documents & Resources

Drawings

[Drawing 039013169_sd.pdf](#)

3D Models and Design Files


[3D Model 039013169_stp.zip](#)

Specifications

- [Application Specification AS-5557-001-001.pdf](#)
- [Application Specification 55560001-AS-000.pdf](#)
- [Packaging Specification PK-5559-002-001.pdf](#)
- [Product Specification PS-45750-001-001.pdf](#)
- [Product Specification PS-5556-001-001.pdf](#)
- [Test Summary 55560010-TS-000.pdf](#)
- [Test Summary TS-5556-002-001.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(2023)8585-DC (23 Jan 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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 22-28 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit
UPC	822348355396

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	0.90-1.80mm
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm ²	N/A

Use with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	<u>5557</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>44516</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>42474</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>43760</u>
Mini-Fit Jr. Dual Row Receptacle Housings	<u>46992</u>