



Part Number : [39013065](#)
Product Description : Mini-Fit Jr. Receptacle Housing, Dual Row, 6 Circuits, UL 94V-2, Black
Series Number : 5557
Status : Active
Product Category : Connector Housings
Engineering Number : 5557-06R-BL



Documents & Resources

Drawings

[Drawing 039013065_sd.pdf](#)

3D Models and Design Files

[3D Model 039013065_stp.zip](#)

Specifications

- [Application Specification 55560001-AS-000.pdf](#)
- [Packaging Specification 55570000-PK-000.pdf](#)
- [Product Specification PS-45750-001-001.pdf](#)
- [Product Specification 55560002-PS-ES-000.pdf](#)
- [Product Specification PS-5556-002-001.pdf](#)
- [Product Specification 55560002-PS-CH-000.pdf](#)
- [Product Specification 55560002-PS-SK-000.pdf](#)
- [Product Specification PS-5556-001-001.pdf](#)
- [Test Summary 55570001-TS-000.pdf](#)
- [Test Summary TS-5556-002-001.pdf](#)
- [Test Summary 55560010-TS-000.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)3788-DC (14 Jun 2023)

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	Connector Housings
Series	5557
Description	Mini-Fit Jr. Receptacle Housing, Dual Row, 6 Circuits, UL 94V-2, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800754203821

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (maximum)	6

Color - Resin	Black
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.042/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° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit BMI Right-Angle Dual Row Headers	<u>42404</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>42440</u>
Mini-Fit BMI Right-Angle Dual Row Headers	<u>43810</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>44068</u>
Mini-Fit Jr. Dual Row Test Plugs	<u>44281</u>
Mini-Fit Jr. Plug Housings	<u>5559</u>
Mini-Fit Jr. Vertical Headers	<u>5566</u>
Mini-Fit Jr. Right-Angle Headers	<u>5569</u>

Mini-Fit Jr. Dual Row Headers	<u>87427</u>
-------------------------------	--------------

Use with Part(s)

Description	Part Number
Pre-Crimped Lead Mini-Fit Female-to-Mini-Fit Female, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Red	/content/molex/molex-dot-com/us/en/products/product-page.html/797580001.html
Pre-Crimped Lead Mini-Fit Female-to-Mini-Fit Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red	/content/molex/molex-dot-com/us/en/products/product-page.html/797580009.html
Mini-Fit Female Crimp Terminals	<u>5556</u>
Mini-Fit Plus Female Crimp Terminals	<u>45750</u>
Mini-Fit Jr. Hermaphroditic Backshells	<u>204723</u>