molex
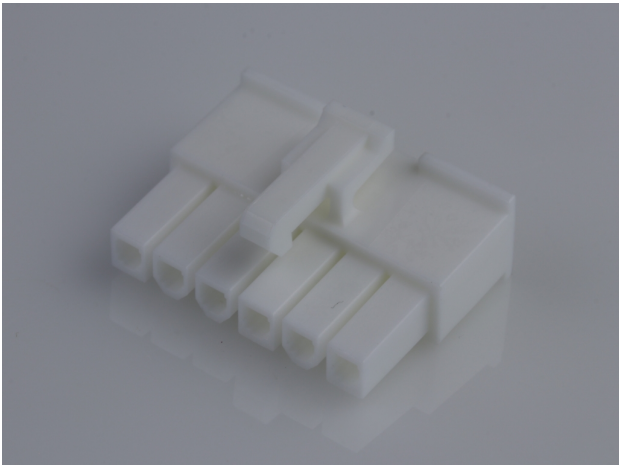
Part Number : 39014061

Product Description : Mini-Fit Jr. Receptacle Housing, Single Row, 6 Circuits, UL 94V-0, Natural

Series Number : 5557

Status : Active

Product Category : Connector Housings

Engineering Number : 5557-06R2-210

Documents & Resources

Drawings
039014061_sd.pdf
PK-5557-002-000.pdf

3D Models and Design Files
039014061_stp.zip

Specifications
55560001-AS-000.pdf
55560002-AS-000.pdf
AS-5557-001-001.pdf
PS-45750-001-001.pdf
55560002-PS-CH-000.pdf
55560002-PS-ES-000.pdf
55560002-PS-SK-000.pdf
PS-5556-001-001.pdf
PS-5556-002-001.pdf
55560010-TS-000.pdf
TS-5556-002-001.pdf
55570000-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(2024)7663-DC (21 Jan 2025)
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, Single Row, 6 Circuits, UL 94V-0, 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 Name	Mini-Fit Jr.
UPC	800756620923

Agency

CSA	LR19980
UL	E29179

Physical

Breakaway	No
Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.608/g
Number of Rows	1
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 Jr. Header, Single Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 6 Circuits, UL 94V-0, Matte Tin (Sn) Plating, Black, Tray	469990708
Mini-Fit Jr. Header, Single Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 6 Circuits, UL 94V-0, Gold (Au) Plating, Natural, Tray	469990712
Mini-Fit Jr. Plug Housing, Single Row, 6 Circuits, UL 94V-0, with Panel Mounting Ears, Natural	39014063

Mini-Fit Jr. Plug Housing, Single Row, 6 Circuits, UL 94V-0, without Panel Mounting Ears, Natural	39014067
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Panel Mount, 6 Circuits	2004880006
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Panel Mount, 6 Circuits	2004881006
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-2, Glow-Wire Capable, Panel Mount, 6 Circuits	2004881106

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	797580001
Pre-Crimped Lead Mini-Fit Female-to-Mini-Fit Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red	797580009
Mini-Fit Female Crimp Terminals	5556
Mini-Fit Plus Female Crimp Terminals	45750

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