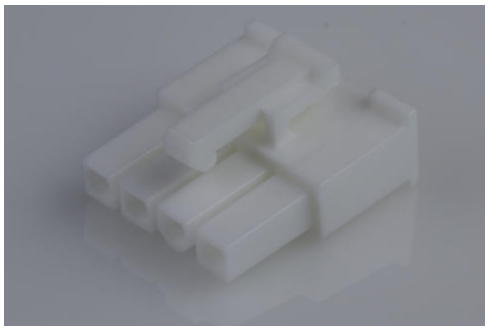
molex



Part Number : 39014041
Product Description : Mini-Fit Jr. Receptacle Housing, Single Row, 4 Circuits, UL 94V-0, Natural
Series Number : 5557
Status : Active
Product Category : Connector Housings
Engineering Part Number : 5557-04R2-210

Documents and Resources

Drawings

039014041_sd.pdf

PK-5557-002-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	5557
Description	Mini-Fit Jr. Receptacle Housing, Single Row, 4 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	800753617261

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.200/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. Plug Housing, Single Row, 4 Circuits, UL 94V-0, without Panel Mounting Ears, Natural	39014047
Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Single Row, 4 Circuits, with Snap-in Plastic Peg PCB Lock, Tin, Natural	39302040
Mini-Fit Jr. Vertical Header, 4.20mm Pitch, Single Row, 4 Circuits, with Snap-in Plastic Peg PCB Lock, Gold, Natural	39302042
Mini-Fit Jr. Header, Single Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 4 Circuits, PA Polyamide Nylon 6/6, 94V-0, Tin (Sn) Plating	39303046
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Panel Mount, 4 Circuits	2004880004
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-2, Glow-Wire Capable, Panel Mount, 4 Circuits	2004880104
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Old Panel Mount Style, 4 Circuits	2004881004
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-2, Glow-Wire Capable, Old Panel Mount Style, 4 Circuits	2004881104
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 4 Circuits	2004710004

Use with Part(s)

Description	Part Number
Mini-Fit Female Crimp Terminals	5556
Mini-Fit Plus Female Crimp	45750

Terminals	
Mini-Fit HCS Female Crimp Terminals	44476