Part Number : 39012061

Product Description : Mini-Fit Jr. Plug Housing, Dual Row, 6 Circuits, UL 94V-2, with Panel Mounting Ears, Natural

Series Number : 5559

Status : Active

Product Category : Connector Housings

Engineering Number : 5559-06P

Documents & Resources

Drawings

Drawing_039012061_sd.pdf

3D Models and Design Files

3D Model_039012061_stp.zip

Specifications

Application Specification_55560001-AS-000.pdf
Application Specification_AS-5557-001-001.pdf
Packaging Specification_PK-5559-001-001.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	Compliant per 2000/53/EC
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	Connector Housings
Series	5559
Description	Mini-Fit Jr. Plug Housing, Dual Row, 6 Circuits, UL 94V-2, 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	800753584327

Agency

CSA	LR19980
UL	E29179

Physical

Breakaway	No
Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-2
Gender	Plug
Glow-Wire Capable	No

Material - Resin	Nylon
Net Weight	2.250/g
Number of Rows	2
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	5557
Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assemblies	45135
Mini-Fit Jr.-to-Mini-Fit Jr. Off-the-Shelf (OTS) Overmolded Cable Assemblies	245135

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	/content/molex/molex-dot-com/us/en/products/product-page.html/797580005.html
Pre-Crimped Lead Mini-Fit Male-to-Mini-Fit Male, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red	/content/molex/molex-dot-com/us/en/products/product-page.html/797580013.html
Mini-Fit Male Crimp Terminals	5558
Mini-Fit Plus Male Crimp Terminals	46012
Mini-Fit Jr. Crimp Grounding Terminals	30490