Part Number : 39012085

Product Description : Mini-Fit Jr. Receptacle Housing, Dual Row, 8 Circuits, UL 94V-0, Natural

Series Number : 5557

Status : Active

Product Category : Connector Housings

Engineering Number : 5557-08R-210

Documents & Resources

Drawings

Drawing_039012085_sd.pdf

Packaging Design Drawing_PK-5557-002-000.pdf

3D Models and Design Files

3D Model_039012085_stp.zip

Specifications

Application Specification_55560001-AS-000.pdf

Application Specification_AS-5557-001-001.pdf

Product Specification_PS-45750-001-001.pdf

Product Specification_55560002-PS-CH-000.pdf

Product Specification_55560002-PS-ES-000.pdf

Product Specification_55560002-PS-SK-000.pdf

Product Specification_PS-5556-001-001.pdf

Product Specification_PS-5556-002-001.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	5557
Description	Mini-Fit Jr. Receptacle Housing, Dual Row, 8 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. Use with Strain Relief.
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800753584358

Agency

CSA	LR19980
UL	E29179

Physical

Breakaway	No
Circuits (maximum)	8
Color - Resin	Natural

Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Nylon
Net Weight	1.775/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	42404
Mini-Fit BMI Vertical Dual Row Headers	42440
Mini-Fit BMI Right-Angle Dual Row Headers	43810
Mini-Fit BMI Vertical Dual Row Headers	44068
Mini-Fit Jr. Dual Row Test Plugs	44281
Mini-Fit Jr. Plug Housings	5559
Mini-Fit Jr. Vertical Headers	5566
Mini-Fit Jr. Right-Angle Headers	5569
Mini-Fit Jr. Dual Row Headers	87427

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	5556
Mini-Fit Plus Female Crimp Terminals	45750
Mini-Fit Jr. Hermaphroditic Backshells	204723