Part Number : 2451350610
Product Description : Mini-Fit Jr. Female-to-Mini-Fit Jr. Female Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, 6 Circuits, Black
Series Number : 245135
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2451350610_sd.pdf

2014400102-PK.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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	Not 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

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- 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	Power and Signal Cable Assemblies
Series	245135
Description	Mini-Fit Jr. Female-to-Mini-Fit Jr. Female Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, 6 Circuits, Black
Application	Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini-Fit Jr.-to-Mini-Fit Jr.
Product Name	Mini-Fit Jr.
Type	Overmolded Assembly
UPC	889056853903

Electrical

Current - Maximum per Contact	6.5A
Voltage - Maximum	300V AC

Physical

Cable Length	1.0m
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Gender	Female-Female

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Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	108.000/g
Number of Rows	2
Overmolded	Yes
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 2464
Wire Size (AWG)	18

Mates With / Use With

Mates with Part(s)

Description	Part Number
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
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

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