Part Number : 2318784041
Product Description : Mini-Fit Jr. Female-to-Mini-Fit Jr. Female Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Single Row, 450.00mm Length, 4 Circuits, Natural
Series Number : 231878
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2318784041_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
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
- Molex Product Compliance Declaration
- IEC-62474

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- 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	231878
Description	Mini-Fit Jr. Female-to-Mini-Fit Jr. Female Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Single Row, 450.00mm Length, 4 Circuits, Natural
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	Discrete Wire Assembly
UPC	198930920175

Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	600V

Physical

Cable Length	450.00mm
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Brass

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Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	32.030/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1015
Wire Size (AWG)	18

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	2004880004

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Mount, 4 Circuits	
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 Terminals	45750
Mini-Fit HCS Female Crimp Terminals	44476

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