Part Number : 2183101023
Product Description : Mini-Fit Sigma-to-Mini-Fit Sigma Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 600.00mm Length, 2 Circuits, Black
Series Number : 218310
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2183101023_sd.pdf

STEP AP242

SOLIDWORKS

Creo

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	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] 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

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- 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	Power and Signal Cable Assemblies
Series	218310
Description	Mini-Fit Sigma-to-Mini-Fit Sigma Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 600.00mm Length, 2 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini-Fit Sigma Both Ends
Product Name	Mini-Fit Sigma
Type	Discrete Wire Assembly
UPC	195842330771

Electrical

Current - Maximum per Contact	11.5A
Voltage - Maximum	600V AC/DC

Physical

Cable Length	600.00mm
Circuits (Loaded)	2
Circuits (maximum)	2

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Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	21.817/g
Number of Rows	2
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.500µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 11028
Wire Size (AWG)	16

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Glow-Wire Capable, 2 Circuits	1727621002
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, Panel Mount, UL 94V-0, Glow-Wire Capable, 2 Circuits	1727673002
Mini-Fit Vertical Dual Row Headers	172447
Mini-Fit Jr. Right-Angle Dual Row Headers	172448
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	35317
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	35318

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Mini-Fit Jr. Vertical Dual Row Headers	43460
Mini-Fit Jr. Right-Angle Dual Row Headers	44130
Mini-Fit Jr. Vertical, Dual Row, Reflow Solder Capable Headers	46207
Mini-Fit Jr. Right-Angle Dual Row Reflow Solder Capable Headers	46991
Mini-Fit Jr. Vertical Headers	5566
Mini-Fit Jr. Right-Angle Headers	5569
Mini-Fit Jr. Dual Row Headers	87427

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