Part Number : 2183111022
Product Description : Mini-Fit Sigma-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 300.00mm Length, 2 Circuits, Black
Series Number : 218311
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents & Resources

Drawings

2183111022_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	Not Contained per D(2024)7663-DC (21 Jan 2025)
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
- 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	218311
Description	Mini-Fit Sigma-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 300.00mm Length, 2 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Single Ended Connector
Connector to Connector	Mini-Fit Sigma-to-Pigtail
Product Name	Mini-Fit Sigma
Type	Discrete Wire Assembly
UPC	195842330825

Electrical

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

Physical

Cable Length	300.00mm
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes

Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	11.068/g
Number of Rows	2
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.500µm
Single Ended	Yes
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
Mini-Fit Jr. Vertical Dual Row Headers	43460
Mini-Fit Jr. Right-Angle Dual Row Headers	44130
Mini-Fit Jr. Vertical, Dual Row,	46207

Reflow Solder Capable Headers	
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