Part Number : 2295901104
Product Description : Mini-Fit BMI-to-Mini-Fit BMI Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 500.00mm Length, 18 AWG, 10 Circuits, Black
Series Number : 229590
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

2295901104_sd.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	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 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	229590
Description	Mini-Fit BMI-to-Mini-Fit BMI Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 500.00mm Length, 18 AWG, 10 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini-Fit BMI Both Ends
Product Name	Mini-Fit BMI
Type	Discrete Wire Assembly
UPC	198930263203

Electrical

Current - Maximum per Contact	7.0A
Voltage - Maximum	600V AC/DC

Physical

Cable Length	500.00mm
Circuits (Loaded)	10

Circuits (maximum)	10
Color - Resin	Natural
Gender	Female-Female
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	98.086/g
Number of Rows	2
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	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 BMI Right-Angle Dual Row Headers	42404
Mini-Fit BMI Vertical Dual Row Headers	42440
Mini-Fit BMI Dual Row Plug Housings	42475
Mini-Fit BMI Right-Angle Dual Row Headers	43810
Mini-Fit BMI Vertical Dual Row Headers	43879
Mini-Fit BMI Vertical Dual Row Headers	44068