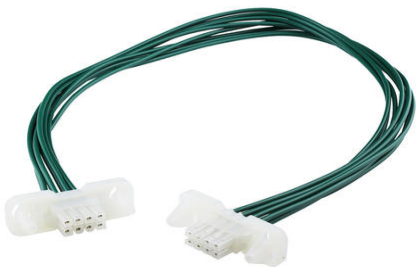




Part Number : [2295961804](#)
Product Description : Mini-Fit BMI-to-Mini-Fit BMI
Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch,
Dual Row, 500.00mm Length, 24 AWG, 8 Circuits, Black
Series Number : 229596
Status : Active
Product Category : Power and Signal Cable
Assemblies



Documents and Resources

Drawings

[2295961804 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	229596
Description	Mini-Fit BMI-to-Mini-Fit BMI Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 500.00mm Length, 24 AWG, 8 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	198930263326

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	600V AC/DC

Physical

Cable Length	500.00mm
Circuits (Loaded)	8
Circuits (maximum)	8

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	41.318/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)	24

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit BMI Right-Angle Dual Row Headers	<u>42404</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>42440</u>
Mini-Fit BMI Dual Row Plug Housings	<u>42475</u>
Mini-Fit BMI Right-Angle Dual Row Headers	<u>43810</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>43879</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>44068</u>