



Part Number : [2283631024](#)

Product Description : Micro-Fit+ Female-to-Micro-Fit+ Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 500.00mm Length, Tin (Sn) Plating, 20 AWG, 2 Circuits, Black

Series Number : 228363

Status : Active

Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

[2283631024 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	228363
Description	Micro-Fit+ Female-to-Micro-Fit+ Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 500.00mm Length, Tin (Sn) Plating, 20 AWG, 2 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit+-to-Micro-Fit+
Product Name	Micro-Fit+
Type	Discrete Wire Assembly
UPC	198282852223

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Cable Length	500.00mm
Circuits (Loaded)	2

Circuits (maximum)	2
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	8.234/g
Number of Rows	2
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	Discrete Wire, UL 1061
Wire Size (AWG)	20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit+ Vertical, Dual Row, Through Hole Headers	<u>206832</u>
Micro-Fit+ Right-Angle, Dual Row, Through Hole Headers	<u>212528</u>
Micro-Fit+ Dual Row Surface Mount Headers	<u>218216</u>
Micro-Fit+ Versa Color Vertical, Dual Row, Through Hole Headers	<u>224246</u>
Micro-Fit+ Dual Row Plug Housings	<u>215922</u>