molex



Part Number : 2284111023
Product Description : Micro-Fit+ Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Tin (Sn) Plating, 18 AWG, 2 Circuits, Black
Series Number : 228411
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents and Resources

Drawings

2284111023_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	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

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- 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	228411
Description	Micro-Fit+ Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Tin (Sn) Plating, 18 AWG, 2 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Single Ended Connector
Connector to Connector	Micro-Fit+-to-Micro-Fit+
Product Name	Micro-Fit+
Type	Discrete Wire Assembly
UPC	198282852803

Electrical

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

Physical

Cable Length	300.00mm

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Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	8.334/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	Yes
Termination Interface Style	Crimp or Compression
Wire/Cable Type	Discrete Wire, UL 1061
Wire Size (AWG)	18

Mates With / Use With

Mates with Part(s)

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

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