molex



Part Number : 2147531102
Product Description : Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin (Sn) Plating, 10 Circuits, Black
Series Number : 214753
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents and Resources

Drawings

2147531102_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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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	214753
Description	Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin (Sn) Plating, 10 Circuits, Black
Application	Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit 3.0-to-Pigtail
Product Name	Micro-Fit 3.0
Type	Discrete Wire Assembly
UPC	193264586295

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	300V AC/DC

Physical

Cable Length	300.00mm
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Gender	Male-Pigtail

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Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	36.838/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Single Ended	Yes
Termination Interface Style	Crimp or Compression
Wire/Cable Type	Discrete Wire, UL 10002
Wire Size (AWG)	18

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Single Row Receptacle Housings	43645

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