molex



Part Number : 451110503
Product Description : Micro-Lock Plus-to-Micro-Lock Plus Off-the-Shelf (OTS) Cable Assembly, 1.25mm Pitch, Single Row, 300.00mm Length, 5 Circuits, Black
Series Number : 45111
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings

451110503_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(2024)7663-DC (21 Jan 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	45111
Description	Micro-Lock Plus-to-Micro-Lock Plus Off-the-Shelf (OTS) Cable Assembly, 1.25mm Pitch, Single Row, 300.00mm Length, 5 Circuits, Black
Application	Signal, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Lock Plus Both Ends
Product Name	Micro-Lock Plus
Type	Discrete Wire Assembly
UPC	191128368568

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Cable Length	300.00mm
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Gender	Female-Female

Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	3.960/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	1.25mm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1061
Wire Size (AWG)	26

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.25mm Pitch Micro-Lock Plus Vertical, Single Row, Surface Mount Headers	505568
1.25mm Pitch Micro-Lock Plus Right-Angle, Single Row, Surface Mount Headers	505567