



Part Number : [451110401](#)
Product Description : Micro-Lock Plus-to-Micro-Lock Plus Off-the-Shelf (OTS) Cable Assembly, 1.25mm Pitch, Single Row, 100.00mm Length, 4 Circuits, Black
Series Number : 45111
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents & Resources

- Drawings**
[Drawing 451110401_sd.pdf](#)
- 3D Models and Design Files**
[3D Model 451110401_stp.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

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, 100.00mm Length, 4 Circuits, Black
Application	Signal, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Lock Plus Both Ends
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
Type	Discrete Wire Assembly
UPC	191128368506

Electrical

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

Physical

Cable Length	100.00mm
Circuits (Loaded)	4
Circuits (maximum)	4
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	1.432/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 Insulation Diameter	0.98mm
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	<u>505568</u>
1.25mm Pitch Micro-Lock Plus Right-Angle, Single Row, Surface Mount Headers	<u>505567</u>