molex



**Part Number :** 451110501
**Product Description :** Micro-Lock Plus-to-Micro-Lock Plus Off-the-Shelf (OTS) Cable Assembly, 1.25mm Pitch, Single Row, 100.00mm Length, 5 Circuits, Black
**Series Number :** 45111
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies

## Documents and Resources

### Drawings

451110501_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

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## 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, 5 Circuits, Black |
| Application | Signal, Wire-to-Board |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Micro-Lock Plus Both Ends |
| Keyword | Micro-Lock Plus 1.25 |
| Product Name | Micro-Lock Plus |
| Type | Discrete Wire Assembly |
| UPC | 191128368551 |

### Electrical

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

### Physical

| | |
|---|---|
| Cable Length | 100.00mm |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |

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| | |
|---|---|
| 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 | 1.670/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 |



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