molex



**Part Number :** 2318862062
**Product Description :** Pico-Lock Female-to-Pico-Lock Female Off-the-Shelf (OTS) Cable Assembly, 3.00mm Pitch, Single Row, Gold (Au) Plating, 150.00mm Length, 16 AWG, 6 Circuits, Black
**Series Number :** 231886
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies

## Documents and Resources

### Drawings

2318862062_sd.pdf

## 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

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

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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 | 231886 |
| Description | Pico-Lock Female-to-Pico-Lock Female Off-the-Shelf (OTS) Cable Assembly, 3.00mm Pitch, Single Row, Gold (Au) Plating, 150.00mm Length, 16 AWG, 6 Circuits, Black |
| Application | Wire-to-Board |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Pico-Lock-to-Pico-Lock |
| Keyword | Pico-Lock 3.0 |
| Product Name | Pico-Lock |
| Type | Discrete Wire Assembly |
| UPC | 198930920656 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 8.0A |
| Voltage - Maximum | 250V AC (RMS)/DC |

### Physical

| | |
|---|---|
| Cable Length | 150.00mm |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |

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| | |
|---|---|
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polybutylene Terephthalate (PBT) |
| Net Weight | 19.500/g |
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 3.00mm |
| Plating min - Mating | 0.100µm |
| Plating min - Termination | 1.000µm |
| Single Ended | No |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | UL 1007 |
| Wire Size (AWG) | 16 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 3.00mm Pitch, Pico-Lock Single Row, Right-Angle, Surface Mount PCB Headers | 221115 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| 3.00mm Pitch, Pico-Lock Female Crimp Terminals | 221113 |



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