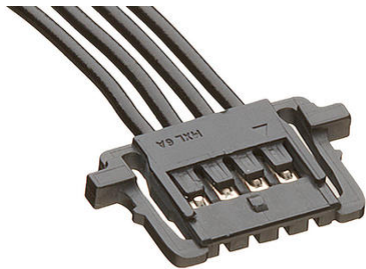




**Part Number :** [151310403](#)  
**Product Description :** Pico-Lock-to-Pico-Lock Off-the-Shelf (OTS) Cable Assembly, 1.00mm Pitch, Single Row, 300.00mm Length, 4 Circuits, Black  
**Series Number :** 15131  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

### Drawings

[151310403 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)6225-DC (07 Nov 2024)                                                            |
| 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

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## Part Details

### General

|                        |                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                  |
| Category               | Power and Signal Cable Assemblies                                                                                       |
| Series                 | 15131                                                                                                                   |
| Description            | Pico-Lock-to-Pico-Lock Off-the-Shelf (OTS) Cable Assembly, 1.00mm Pitch, Single Row, 300.00mm Length, 4 Circuits, Black |
| Application            | Signal, Wire-to-Board                                                                                                   |
| Assembly Configuration | Dual Ended Connectors                                                                                                   |
| Connector to Connector | Pico-Lock-to-Pico-Lock                                                                                                  |
| Product Name           | Pico-Lock                                                                                                               |
| Type                   | Discrete Wire Assembly                                                                                                  |
| UPC                    | 191128284783                                                                                                            |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum             | 150V |

### Physical

|                    |               |
|--------------------|---------------|
| Cable Length       | 300.00mm      |
| Circuits (Loaded)  | 4             |
| Circuits (maximum) | 4             |
| Color - Resin      | Black         |
| Gender             | Female-Female |

|                                |                                |
|--------------------------------|--------------------------------|
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.084/g                        |
| Number of Rows                 | 1                              |
| Overmolded                     | No                             |
| Packaging Type                 | Bag                            |
| Pitch - Mating Interface       | 1.00mm                         |
| Single Ended                   | No                             |
| Termination Interface Style    | Crimp or Compression           |
| Wire/Cable Type                | UL 1571                        |
| Wire Size (AWG)                | 28                             |

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## Mates With / Use With

### Mates with Part(s)

| Description                                              | Part Number                   |
|----------------------------------------------------------|-------------------------------|
| 1.00mm Pitch Pico-Lock Right-Angle<br>Single Row Headers | <u><a href="#">503763</a></u> |