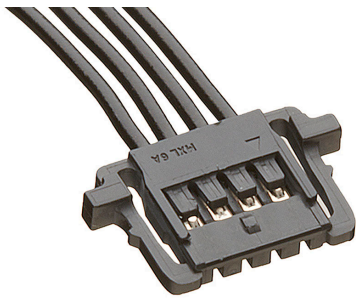




**Part Number :** [151310401](#)  
**Product Description :** Pico-Lock-to-Pico-Lock Off-the-Shelf (OTS) Cable Assembly, 1.00mm Pitch, Single Row, 100.00mm Length, 4 Circuits, Black  
**Series Number :** 15131  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[151310401\\_sd.pdf](#)

**3D Models and Design Files**  
[151310401\\_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(2024)6225-DC (07 Nov 2024)                                        |
| 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                 | 15131                                                                                                                   |
| Description            | Pico-Lock-to-Pico-Lock Off-the-Shelf (OTS) Cable Assembly, 1.00mm Pitch, Single Row, 100.00mm 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                    | 191128284769                                                                                                            |

### Electrical

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

### 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      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 0.804/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 Insulation Diameter    | 0.60mm               |
| 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>503763</u> |