



**Part Number :** 2183961054  
**Product Description :** Pico-SPOX-to-Pico-SPOX  
Off-the-Shelf (OTS) Cable Assembly, 1.50mm  
Pitch, Single Row, 600.00mm Length, Tin (Sn)  
Plating, 5 Circuits, Natural  
**Series Number :** 218396  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies



## Documents & Resources

**Drawings**  
[2183961054\\_sd.pdf](#)

## 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
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

---

## Part Details

### General

|                        |                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                                      |
| Category               | Power and Signal Cable Assemblies                                                                                                           |
| Series                 | 218396                                                                                                                                      |
| Description            | Pico-SPOX-to-Pico-SPOX Off-the-Shelf (OTS) Cable Assembly, 1.50mm Pitch, Single Row, 600.00mm Length, Tin (Sn) Plating, 5 Circuits, Natural |
| Application            | Signal, Wire-to-Board, Wire-to-Wire                                                                                                         |
| Assembly Configuration | Dual Ended Connectors                                                                                                                       |
| Connector to Connector | N/A                                                                                                                                         |
| Product Name           | Pico-SPOX                                                                                                                                   |
| Type                   | Discrete Wire Assembly                                                                                                                      |
| UPC                    | 195842352148                                                                                                                                |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum             | 250V |

### Physical

|                           |                 |
|---------------------------|-----------------|
| Cable Length              | 600.00mm        |
| Circuits (Loaded)         | 5               |
| Circuits (maximum)        | 5               |
| Color - Resin             | Natural         |
| Gender                    | Female-Female   |
| Lock to Mating Part       | Yes             |
| Material - Metal          | Phosphor Bronze |
| Material - Plating Mating | Tin             |
| Material - Resin          | Nylon           |
| Net Weight                | 7.400/g         |
| Number of Rows            | 1               |
| Packaging Type            | Bag             |
| Pitch - Mating Interface  | 1.50mm          |
| Plating min - Mating      | 2.540µm         |

|                             |                      |
|-----------------------------|----------------------|
| Plating min - Termination   | 2.540µm              |
| Single Ended                | No                   |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 10002             |
| Wire Insulation Diameter    | 0.95-1.20mm          |
| Wire Size (AWG)             | 24                   |