



**Part Number :** 2183961050  
**Product Description :** Pico-SPOX-to-Pico-SPOX  
Off-the-Shelf (OTS) Cable Assembly, 1.50mm  
Pitch, Single Row, 50.00mm Length, Tin (Sn)  
Plating, 5 Circuits, Natural  
**Series Number :** 218396  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies



## Documents & Resources

**Drawings**  
[Drawing 2183961050\\_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)4144-DC (27 June 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, 50.00mm 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 Family	Pico-SPOX Wire-to-Board Connector System
Product Name	Pico-SPOX
Type	Discrete Wire Assembly
UPC	195842352100

### Electrical

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

### Physical

Cable Length	50.00mm
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	1.100/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