



Part Number : 2183971054

Series Number : 218397

Product Category : Power and Signal Cable Assemblies

Product Description : Pico-SPOX-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 1.50mm Pitch, Single Row, 600.00mm Length, Tin (Sn) Plating, 5 Circuits, Natural

Status : Active

## Documents & Resources

### Drawings

Drawing 2183971054\_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(2023)8585-DC (23 Jan 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                 | 218397                                                                                                                                    |
| Description            | Pico-SPOX-to-Pigtail 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 | Single Ended Connector                                                                                                                    |
| Connector to Connector | N/A                                                                                                                                       |
| Product Family         | Pico-SPOX Wire-to-Board Connector System                                                                                                  |
| Product Name           | Pico-SPOX                                                                                                                                 |
| Type                   | Discrete Wire Assembly                                                                                                                    |
| UPC                    | 195842352445                                                                                                                              |

## 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-Pigtail  |
| Lock to Mating Part       | Yes             |
| Material - Metal          | Phosphor Bronze |
| Material - Plating Mating | Tin             |
| Material - Resin          | Nylon           |
| Net Weight                | 7.190/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                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 10002             |
| Wire Insulation Diameter    | 0.95-1.20mm          |
| Wire Size (AWG)             | 24                   |