

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2183971032](#)  
**Status:** **Active**  
**Overview:** Pico-SPOX Wire-to-Board Connector System  
**Description:** Pico-SPOX-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 1.50mm Pitch, Single Row, 150.00mm Length, Tin (Sn) Plating, 3 Circuits, Natural

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Datasheet \(PDF\)](#)

**General**

|                        |   |
|------------------------|---|
| Product Family         | Cable Assemblies                                |
| Series                 | <a href="#">218397</a>                          |
| Application            | Signal, Wire-to-Board, Wire-to-Wire             |
| Assembly Configuration | Single Ended Connector                          |
| Connector to Connector | N/A   |
| Overview               | <u>Pico-SPOX Wire-to-Board Connector System</u> |
| Product Name           | Pico-SPOX                                       |
| Type                   | Discrete Wire Assembly                          |
| UPC                    | 195842352322                                    |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Cable Length                 | 150.00mm             |
| Circuits (Loaded)            | 3                    |
| Color - Resin                | Natural              |
| Gender                       | Female-Pigtail       |
| Lock to Mating Part          | Yes                  |
| Material - Metal             | Phosphor Bronze      |
| Material - Plating Mating    | Tin                  |
| Material - Resin             | Nylon                |
| Net Weight                   | 1.220/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 Insulation Diameter     | 0.95-1.20mm          |
| Wire Size AWG                | 24                   |
| Wire/Cable Type              | UL 10002             |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 2183971030-000 |
|---------------|----------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[218397 Series](#)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[218397-1032](#)