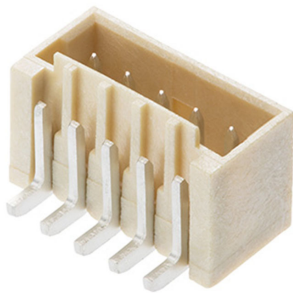




**Part Number :** [874370443](#)  
**Product Description :** 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel, without Cap, Beige  
**Series Number :** 87437  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

**Drawings**  
[874370443\\_sd.pdf](#)

**3D Models and Design Files**  
[874370443.dxf](#)  
[874370443.pdf](#)  
[874370443\\_stp.zip](#)

**Specifications**  
[874370000-AS-000.pdf](#)  
[SPK-87437-001-001.pdf](#)  
[SPK-87438-001-001.pdf](#)  
[874371001-PS-001.pdf](#)  
[PS-87437-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                       |
| 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

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## Part Details

### General

|                |                                                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                  |
| Category       | PCB Headers and Receptacles                                                                                                                             |
| Series         | 87437                                                                                                                                                   |
| Description    | 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel, without Cap, Beige |
| Application    | Signal, Wire-to-Board                                                                                                                                   |
| Component Type | PCB Header                                                                                                                                              |
| Product Name   | Pico-SPOX                                                                                                                                               |
| UPC            | 822348438631                                                                                                                                            |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.5A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

### Physical

|                   |    |
|-------------------|----|
| Breakaway         | No |
| Circuits (Loaded) | 4  |

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (maximum)             | 4                     |
| Color - Resin                  | Beige                 |
| Durability (mating cycles max) | 10                    |
| First Mate / Last Break        | No                    |
| Flammability                   | 94V-0                 |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Nylon                 |
| Net Weight                     | 217.000/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| Pitch - Mating Interface       | 1.50mm                |
| Plating min - Mating           | 2.540µm               |
| Plating min - Termination      | 2.540µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | No                    |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -55° to +105°C        |
| Termination Interface Style    | Surface Mount         |

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## Mates With / Use With

### Mates with Part(s)

| Description                              | Part Number  |
|------------------------------------------|--------------|
| Pico-SPOX Single Row Receptacle Housings | <u>87439</u> |

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This document was generated on Dec 15, 2024