



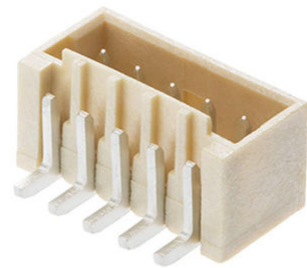
**Part Number :** [874371543](#)

**Product Description :** 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 15 Circuits, Tape and Reel, without Cap, Beige

**Series Number :** 87437

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[874371543 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[874371543.dxf](#)

### Specifications

[874370000-AS-000.pdf](#)

[SPK-87437-001-001.pdf](#)

[SPK-87438-001-001.pdf](#)

[874371001-PS-001.pdf](#)

[PS-87437-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                         |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                      |

|            |                                                |
|------------|------------------------------------------------|
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS    | Compliant per EU 2015/863                      |

#### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## 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, 15 Circuits, Tape and Reel, without Cap, Beige |
| Application    | Signal, Wire-to-Board                                                                                                                                    |
| Component Type | PCB Header                                                                                                                                               |
| Product Name   | Pico-SPOX                                                                                                                                                |
| UPC            | 822348438853                                                                                                                                             |

### Agency

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

## Electrical

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

## Physical

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 15                    |
| Circuits (maximum)             | 15                    |
| 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          | No                    |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Nylon                 |
| Net Weight                     | 0.714/g               |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | No                    |
| 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                       | Shrouded              |
| 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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