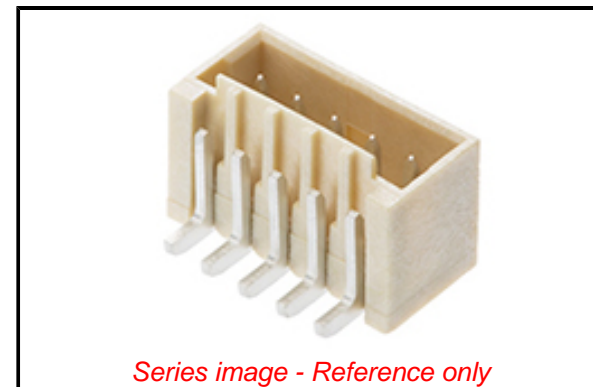


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0874370873](#)  
**Status:** **Active**  
**Overview:** Pico-SPOX Wire-to-Board Connector System  
**Description:** 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 8 Circuits, Tape and Reel, with Cap, Beige

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-87437-001-001 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification 874370000-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification SPK-87437-001-001 (PDF)</a>  |
| <a href="#">Product Specification 874371001-PS-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |



*Series image - Reference only*

**Agency Certification**

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

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">87437</a>                                    |
| Application    | Signal, Wire-to-Board                                    |
| Overview       | <a href="#">Pico-SPOX Wire-to-Board Connector System</a> |
| Product Name   | Pico-SPOX  |
| UPC            | 822350906364   |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 8                     |
| Circuits (maximum)             | 8                     |
| 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                     | 423.000/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.50mm                |
| Plating min - Mating           | 2.540µm               |
| Plating min - Termination      | 2.540µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | No                    |
| Robotic Placement              | Pick and Place Cap    |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -55° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[87437 Series](#)

**Mates With**

Pico-SPOX Wire-to-Board Housing [87439](#)

**Electrical**

Current - Maximum per Contact

2.5A

Voltage - Maximum

250V AC (RMS)/DC

**Material Info****Reference - Drawing Numbers**

Application Specification

874370000-AS-000

Packaging Specification

SPK-87437-001-001

Product Specification

874371001-PS-001, PS-87437-001-001

Sales Drawing

874370231-SD-000

This document was generated on 07/31/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**