

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

**Part Number:** [0874371243](#)  
**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, 12 Circuits, Tape and Reel, without Cap, Beige

**Documents:**

<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="#">3D Model</a>	<a href="#">Packaging Specification SPK-87438-001-001 (PDF)</a>
<a href="#">Product Specification 874371001-PS-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-87437-001-001 (PDF)</a>	

**Agency Certification**

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	822348438792

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	0.577/g
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
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**



*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**

[87437 Series](#)

**Mates With**

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

Current - Maximum per Contact  
Voltage - Maximum

2.5A  
250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

874370000-AS-000  
SPK-87437-001-001, SPK-87438-001-001  
874371001-PS-001, PS-87437-001-001  
874370231-SD-000

This document was generated on 02/07/2022

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

# Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[87437-1243](#)