



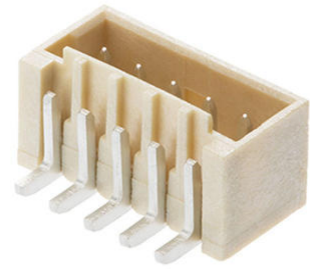
Part Number : [874370873](#)

Product 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

Series Number : 87437

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[874370873_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[874370873.dxf](#)

Specifications

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


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

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  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)4165-DC |

| | |
|---------|---------------------------|
| | (25 June 2025) |
| 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, 8 Circuits, Tape and Reel, with Cap, Beige |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Pico-SPOX |
| UPC | 822350906364 |

Agency

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

Electrical

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

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 |
| 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 |
| Robotic Placement | Pick and Place Cap |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface Style | Surface Mount |

Solder Process Data

| | |
|------------------------------|--------|
| Max-Duration | 40 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 3 |
| Max-Temp | 260 |

Mates With / Use With



Mates with Part(s)

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

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Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View 87437-0873 on WIN SOURCE](#)
-  [Molex, LLC Information](#)

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