

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

**Part Number:** [0874380443](#)  
**Status:** **Active**  
**Overview:** Pico-SPOX Wire-to-Board Connector System  
**Description:** 1.50mm Pitch Pico-SPOX Wire-to-Board Header, Surface Mount, Right-Angle, Shrouded, Nylon, 4 Circuits, Embossed Tape on Reel, Beige

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification 874370000-AS-000 (PDF)</a> |
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification SPK-87438-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-87437-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

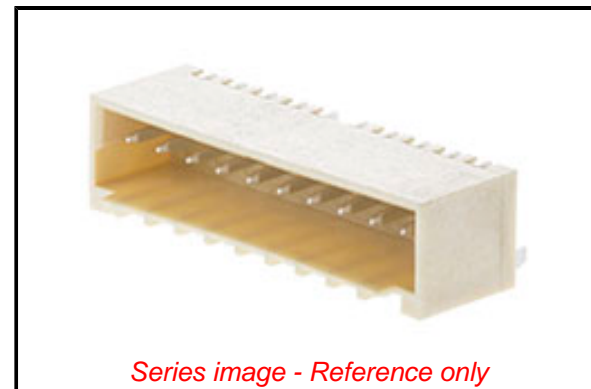
|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                      |  |
|----------------------|--|
| Product Family       | PCB Headers  |
| Series               | <a href="#">87438</a>                                    |
| 3D Viewer            | Yes  |
| Application          | Signal, Wire-to-Board                                    |
| CURRENT-MAX-NUMERIC  | 2.5  |
| Overview             | <a href="#">Pico-SPOX Wire-to-Board Connector System</a> |
| PITCH-MATING-NUMERIC | 1.50   |
| Product Name         | Pico-SPOX  |
| UPC                  | 822348438914   |

**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          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Tin over Nickel                |
| Material - Plating Termination | Tin over Nickel                |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 229.000/mg                     |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| 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                  |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

[87438](#) Series

**Mates With**

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

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

2.5A  
250V

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

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

874370000-AS-000  
SPK-87438-001-001  
PS-87437-001-001  
874380231-SD-000, SD-87438-001-001

This document was generated on 07/26/2019

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