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**Part Number:** [0874380543](#)  
**Status:** **Active**  
**Overview:** Pico-SPOX Wire-to-Board Connector System  
**Description:** 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Right-Angle, Surface Mount, Tin over Nickel Plating, Friction Lock, 5 Circuits, Tape and Reel, Beige

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 874370000-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</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**

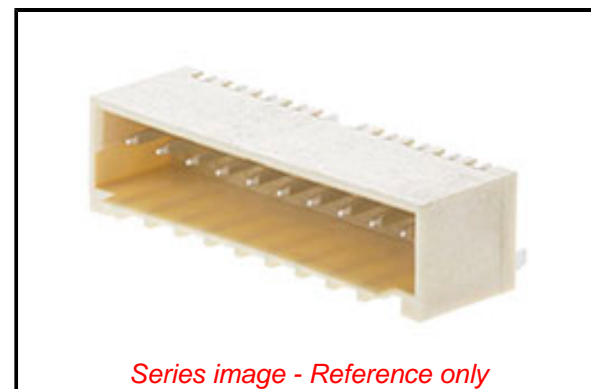
CSA	LR19980
UL	E29179

**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	822348438938

**Physical**

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	269.000/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/71/2019 (16 July 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 2.5A  
Voltage - Maximum 250V

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

Application Specification 874370000-AS-000  
Packaging Specification SPK-87438-001-001  
Product Specification PS-87437-001-001  
Sales Drawing 874380231-SD-000, SD-87438-001-001

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