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**Part Number:** [87437-1042](#)  
**Status:** **Active**  
**Overview:** Pico-Spox™  
**Description:** 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, 10 Circuits, Tube Packaging, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-87437 (PDF)</a>	

**Agency Certification**

UL E29179

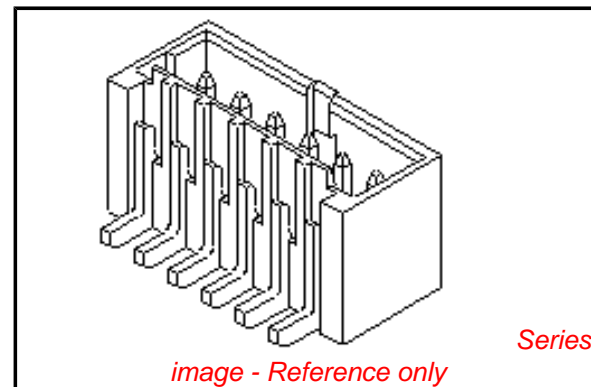
**General**

Product Family	PCB Headers
Series	<a href="#">87437</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-Spox™</a>
Product Literature Order No	USA-235
Product Name	Pico-SPOX™
UPC	822348438747

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	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	High Temperature Thermoplastic
Net Weight	474.000/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	1.50mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[87437Series](#)

**Mates With**

[87439 Pico-SPOX™ Wire-to-Board Housing](#),  
[87421 Pico-SPOX™ Crimp Terminal](#)

Current - Maximum per Contact  
Voltage - Maximum

1.5A, 2A, 3A  
350V

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-87437, RPS-87437, RPS-87437-001,  
RPS-87437-200

Sales Drawing

SD-87437-\*\*31

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