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**Part Number:** [87437-0843](#)  
**Status:** **Active**  
**Overview:** Pico-SPOX™ Wire-to-Board Connector System  
**Description:** 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, 8 Circuits, Embossed Tape on Reel Packaging

**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">87437</a>
Application	Signal, Wire-to-Board
MolexKits	Yes
Overview	<u>Pico-SPOX™ Wire-to-Board Connector System</u>
Product Name	Pico-SPOX™
UPC	822348438716

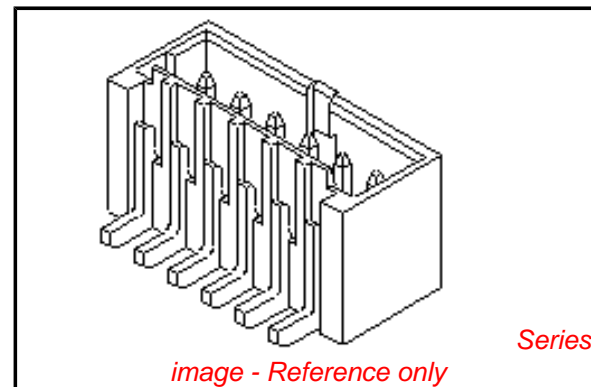
**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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 - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.394/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	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

**Material Info**



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**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

## Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-87437-001, SPK-87438-001

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

RPS-87437-200

SD-87437-001

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