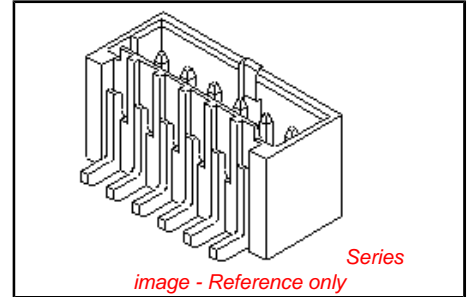


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **87437-0543**  
**Status:** **Active**  
**Overview:** Pico-Spox™  
**Description:** 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, 5 Circuits, Embossed Tape on Reel Packaging, Lead-Free



**Documents:**

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

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	87437
Application	Signal, Wire-to-Board
Overview	<u>Pico-Spox™</u>
Product Literature Order No	USA-235
Product Name	Pico-SPOX™

**Physical**

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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
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	1.5A, 2A, 3A
Voltage - Maximum	350V

**Material Info**

**Reference - Drawing Numbers**

<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>  <b>Contains SVHC: No</b>  <b>Low-Halogen Status</b>  <b>Not Low-Halogen</b></p>	<p><b>China RoHS</b></p>
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**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

Packaging Specification  
Product Specification  
Sales Drawing

SPK-87437-001  
PS-87437, RPS-87437, RPS-87437-001,  
RPS-87437-200  
SD-87437-\*\*31

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