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**Part Number:** [87437-0842](#)  
**Status:** **Active**  
**Overview:** Pico-Spox™  
**Description:** 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, 8 Circuits, Tube Packaging, Lead-Free

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Product Specification PS-87437 \(PDF\)](#)

**Agency Certification**

UL E29179

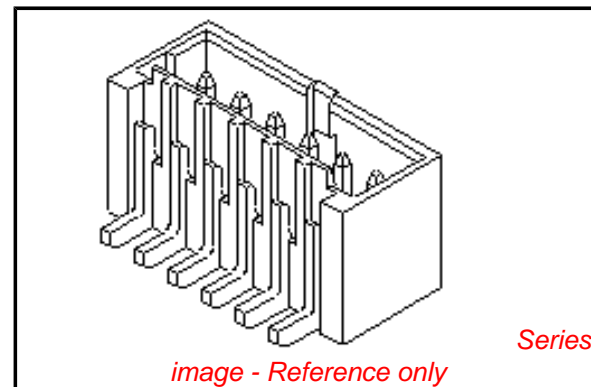
**General**

Product Family PCB Headers  
 Series [87437](#)  
 Application Signal, Wire-to-Board  
 Overview [Pico-Spox™](#)  
 Product Literature Order No USA-235  
 Product Name Pico-SPOX™  
 UPC 822348438709

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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 0.394/g  
 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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