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**Part Number:** [87438-0442](#)  
**Status:** **Active**  
**Overview:** [Pico-Spox™](#)  
**Description:** 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Right Angle, Shrouded, 4 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

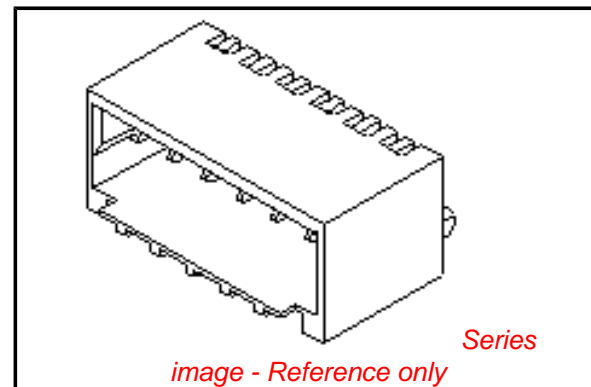
**General**

|                             |                            |
|-----------------------------|----------------------------|
| Product Family              | PCB Headers                |
| Series                      | <a href="#">87438</a>      |
| Application                 | Signal, Wire-to-Board      |
| Overview                    | <a href="#">Pico-Spox™</a> |
| Product Literature Order No | USA-235                    |
| Product Name                | Pico-SPOX™                 |
| UPC                         | 822348438907               |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| 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                     | 0.229/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| 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 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**

[87438Series](#)

**Mates With**

[87439 Pico-SPOX™ Wire-to-Board Housing](#)

Current - Maximum per Contact  
Voltage - Maximum

3A  
350V

**Material Info**

**Reference - Drawing Numbers**

Product Specification

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

Sales Drawing

SD-87438-\*\*31

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