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**Part Number:** [0874210000](#)  
**Status:** **Active**  
**Overview:** Pico-SPOX™ Wire-to-Board Connector System  
**Description:** 1.50mm Pico-SPOX™ Crimp Terminal, Female, Tin(Sn), 24-30 AWG, Reel

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification SPK-87421-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Product Specification PS-87437-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                    |

**General**

|                             |  |
|-----------------------------|--|
| Product Family              | Crimp Terminals                                  |
| Series                      | <a href="#">87421</a>                            |
| Application                 | Signal   |
| Crimp Quality Equipment     | Yes  |
| MolexKits                   | Yes  |
| Overview                    | <u>Pico-SPOX™ Wire-to-Board Connector System</u> |
| Product Literature Order No | USA-235  |
| Product Name                | Pico-SPOX™                                       |
| UPC                         | 800753542686                                     |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 10                   |
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 19.000/mg            |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.15mm max.          |
| Wire Size AWG                  | 24, 26, 28, 30       |
| Wire Size mm²                  | N/A                  |

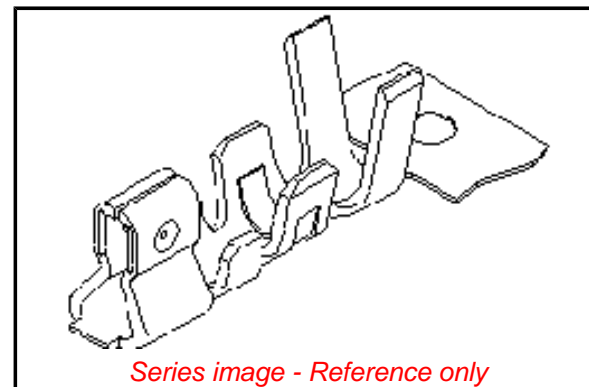
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | SPK-87421-001   |
| Product Specification   | PS-87437-001, RPS-78048-002, RPS-87437, RPS-87437-001, RPS-87437-200, RPS-87438-002 |
| Sales Drawing           | SD-87421-0000   |



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Compliant

**Search Parts in this Series**

[87421](#) Series

**Use With**

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

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description   | Product #                  |
|---|----------------------------|
| Hand Crimp Tool for 1.50mm (.059") Pico-SPOX™ Crimp Terminals | <a href="#">0638259700</a> |
| Extraction Tool   | <a href="#">0638132700</a> |
| FineAdjust Applicator for 1.50mm Female                       | <a href="#">0639014200</a> |

Crimp Terminal,  
24-30 AWG Wire  
T2 Terminator for 0639114200  
1.50mm Female  
Crimp Terminal

**Japan**

**Description** **Product #**

Applicator for M211A 0572943000  
Bench Press, 26  
AWG Wire

This document was generated on 03/01/2016

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