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**Part Number:** [87421-0000](#)  
**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	<a href="#">Pico-SPOX™ Wire-to-Board Connector System</a>
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

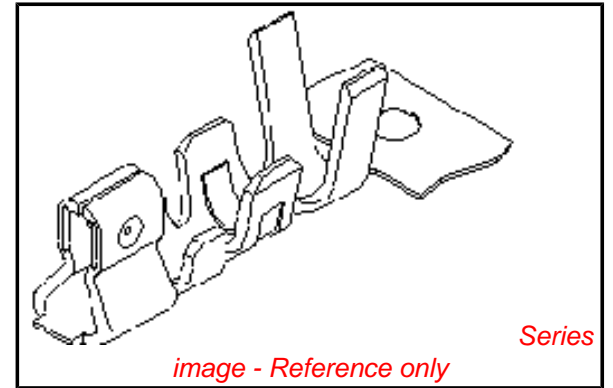
**Electrical**

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 RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No Low-Halogen Status 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**

[87421Series](#)

**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 #
FineAdjust Applicator for 1.50mm Female Crimp Terminal, 24-30 AWG Wire	<a href="#">0639014200</a>
Extraction Tool	<a href="#">0638132700</a>
Hand Crimp Tool for 1.50mm (.059") Pico-SPOX™ Crimp Terminals	<a href="#">0638259700</a>

T2 Terminator for 0639114200  
1.50mm Female  
Crimp Terminal

**Japan**

**Description** **Product #**

Applicator for M211A 0572943000  
Bench Press, 26  
AWG Wire

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