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Part Number: [0874210100](#)
Status: **Active**
Overview: [Pico-SPOX Wire-to-Board Connector System](#)
Description: 1.50mm Pitch, Pico-SPOX Female Crimp Terminal, Pre-Plated Tin (Sn), 26-30 AWG, Reel

Documents:

| | |
|--|--|
| Drawing (PDF) | Application Specification 874370000-AS-000 (PDF) |
| Product Specification 874371001-PS-001 (PDF) | Packaging Specification 874219200-SPK-201 (PDF) |
| Product Specification PS-78047-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-87437-001-001 (PDF) | |



General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 87421 |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | Pico-SPOX Wire-to-Board Connector System |
| Product Name | Pico-SPOX |
| UPC | 191128151795 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 10 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 35.466/mg |
| Packaging Type | Reel |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 0.70-1.00mm |
| Wire Size AWG | 26, 28, 30 |
| Wire Size mm ² | N/A |

Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--|
| Application Specification | 874370000-AS-000 |
| Crimp Specification | 874210000-CS-000 |
| Packaging Specification | 874219200-SPK-201 |
| Product Specification | 874371001-PS-001, PS-78047-001-001, PS-87437-001-001 |
| Sales Drawing | 874210000-SD-000 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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 Terminal, Female, 26-30 AWG, UL1061 and UL1571 | 2002183800 |
| FA2 Mechanical Feed Crimp Applicator for Pico-SPOX 1.50mm Pitch Receptacle Crimp | 2130691100 |

Terminals, 26-30
AWG, UL1061 Wire
Extraction and
Activation Tool 638132700

Japan

| Description | Product # |
|--|-------------------|
| S-1 Applicator for Pico-SPOX Terminals, 26-30 AWG | <u>2045793700</u> |

This document was generated on 10/05/2020

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