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Part Number: [0874371543](#)
Status: **Active**
Overview: Pico-SPOX Wire-to-Board Connector System
Description: 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 15 Circuits, Tape and Reel, without Cap, Beige

Documents:

| | |
|--|--|
| 3D Model (PDF) | Application Specification 874370000-AS-000 (PDF) |
| 3D Model | Packaging Specification SPK-87437-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-87438-001-001 (PDF) |
| Product Specification 874371001-PS-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-87437-001-001 (PDF) | |

Agency Certification

UL E29179

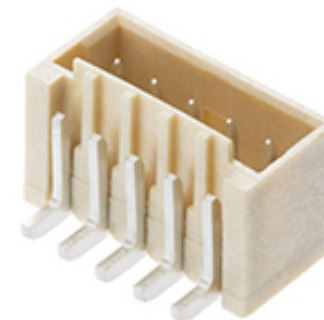
General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 87437 |
| Application | Signal, Wire-to-Board |
| Overview | <u>Pico-SPOX Wire-to-Board Connector System</u> |
| Product Name | Pico-SPOX |
| UPC | 822348438853 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 15 |
| Circuits (maximum) | 15 |
| Color - Resin | Beige |
| Durability (mating cycles max) | 10 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | 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 | Nylon |
| Net Weight | 0.714/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.50mm |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not 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

[87437 Series](#)

Mates With

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

Current - Maximum per Contact
Voltage - Maximum

2.5A
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

874370000-AS-000

Packaging Specification

SPK-87437-001-001, SPK-87438-001-001

Product Specification

874371001-PS-001, PS-87437-001-001

Sales Drawing

874370231-SD-000

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