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Part Number: [87437-0243](#)
Status: **Active**
Overview: Pico-Spox™ Wire-to-Board Connector System
Description: 1.50mm Pitch Pico-SPOX™ Wire-to-Board Header, Surface Mount, Vertical, Shrouded, 2 Circuits, Embossed Tape on Reel Packaging, Lead-Free

Documents:

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

Agency Certification

UL E29179

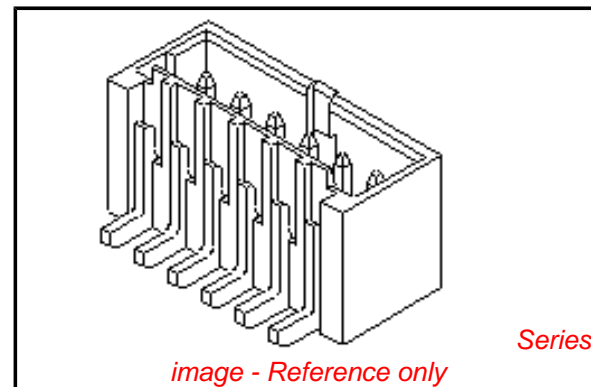
General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 87437 |
| Application | Signal, Wire-to-Board |
| MolexKits | Yes |
| Overview | Pico-Spox™ Wire-to-Board Connector System |
| Product Name | Pico-SPOX™ |
| UPC | 822348438006 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| 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 | 129.000/mg |
| 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 | 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
 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

[87437Series](#)

Mates With

[87439 Pico-SPOX™ Wire-to-Board Housing](#),
[87421 Pico-SPOX™ Crimp Terminal](#)

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

Material Info

Reference - Drawing Numbers

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

This document was generated on 06/23/2014

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