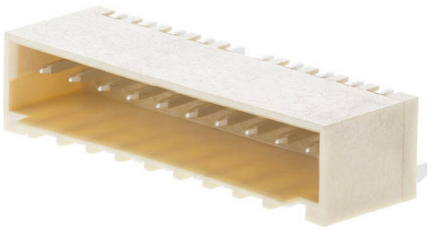
**Part Number :** 874380943
**Product Description :** 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Right-Angle, Surface Mount, Tin over Nickel Plating, Friction Lock, 9 Circuits, Tape and Reel, Beige
**Series Number :** 87438
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

874380943_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

874380943.dxf

### Specifications

874370000-AS-000.pdf

SPK-87438-001-001.pdf

874371001-PS-001.pdf

PS-87437-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 33; 44 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC |

| | |
|---|---|
| | (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

---

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 87438 |
| Description | 1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Right-Angle, Surface Mount, Tin over Nickel Plating, Friction Lock, 9 Circuits, Tape and Reel, Beige |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Pico-SPOX |
| UPC | 822348439010 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Electrical

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

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| 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 | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.454/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | None |
| 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 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
| --- | --- |
| Pico-SPOX Single Row Receptacle Housings | 87439 |