



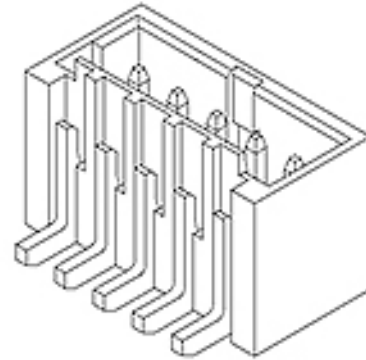
**Part Number :** [780470243](#)

**Product Description :** Pico-SPOX Wire-to-Board Header, 1.50mm Pitch, Surface Mount, Vertical, Tin (Sn) Plating, without Cap, Liquid Crystal Polymer, 2 Circuits, Beige, Tape and Reel

**Series Number :** 78047

**Status :** New Business Not Supported

**Product Category :** PCB Headers and Receptacles




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## Documents & Resources

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### Product Environment Compliance

#### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 33   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024)  |
| EU RoHS            | Compliant per EU 2015/863   |

#### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

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

#### EU RoHS Certificate of Compliance

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### Part Details

## General

|                |  |
|----------------|--|
| Status         | New Business Not Supported   |
| Category       | PCB Headers and Receptacles  |
| Series         | 78047  |
| Description    | Pico-SPOX Wire-to-Board Header, 1.50mm Pitch, Surface Mount, Vertical, Tin (Sn) Plating, without Cap, Liquid Crystal Polymer, 2 Circuits, Beige, Tape and Reel |
| Application    | Signal, Wire-to-Board  |
| Component Type | PCB Header   |
| Product Name   | Pico-SPOX  |
| UPC            | 800756709598   |

## Agency

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

## Electrical

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

## Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 2     |
| Circuits (maximum)             | 2     |
| 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 - Resin              | Liquid Crystal Polymer |
| Net Weight                    | 0.128/g                |
| Number of Rows                | 1                      |
| Orientation                   | Vertical               |
| 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                     |
| Robotic Placement             | Pick and Place Cap     |
| Shrouded                      | Fully                  |
| Stackable                     | No                     |
| Temperature Range - Operating | -55° to +105°C         |
| Termination Interface Style   | Surface Mount          |