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**Part Number:** [0780470543](#)  
**Status:** **Active**  
**Overview:** [Pico-SPOX Wire-to-Board Connector System](#)  
**Description:** Pico-SPOX Wire-to-Board Header, 1.50mm Pitch, Surface Mount, Vertical, Tin (Sn) Plating, without Cap, Liquid Crystal Polymer, 5 Circuits, Beige, Tape and Reel

**Documents:**

|                                |   |
|--------------------------------|---|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-78047-001-001 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a> | <a href="#">Packaging Specification SPK-78047-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

**Agency Certification**

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

**General**

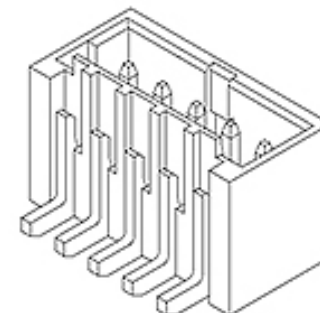
|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">78047</a>                                    |
| Application    | Signal, Wire-to-Board                                    |
| Overview       | <a href="#">Pico-SPOX Wire-to-Board Connector System</a> |
| Product Name   | Pico-SPOX  |
| UPC            | 800756709611   |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 5                      |
| Circuits (maximum)             | 5                      |
| 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                     | 0.264/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                     |
| Robotic Placement              | Pick and Place Cap     |
| Shrouded                       | Fully                  |
| Stackable                      | No                     |
| Temperature Range - Operating  | -55° to +105°C         |
| Termination Interface: Style   | Surface Mount          |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
|-------------------------------|------|



*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**

**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**

[78047 Series](#)

**Mates With**

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

Voltage - Maximum

250V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-78047-001-001

Product Specification

PS-78047-001-001

Sales Drawing

SD-78047-001-001

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