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Part Number:

0874381143

Status:

Active

Overview:

Pico-SPOX Wire-to-Board Connector System

Description:

1.50mm Pitch, Pico-SPOX PCB Header, Single Row, Right-Angle, Surface Mount, Tin over Nickel Plating, Friction Lock, 11 Circuits, Tape and Reel, Beige

Documents:

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Specification PS-87437-001-001 (PDF)</a>     |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 874370000-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification SPK-87438-001-001 (PDF)</a>  |
| <a href="#">Product Specification 874371001-PS-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

Agency Certification

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

General

|                |                                          |
|----------------|------------------------------------------|
| Product Family | PCB Headers                              |
| Series         | 87438                                    |
| Application    | Signal, Wire-to-Board                    |
| Component Type | PCB Header                               |
| Overview       | Pico-SPOX Wire-to-Board Connector System |
| Product Name   | Pico-SPOX                                |
| Taxonomy       | PCB Headers and Receptacles              |
| UPC            | 822348439058                             |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 11                             |
| Circuits (maximum)             | 11                             |
| 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                     | 0.564/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| 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                  |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

87438 Series

Mates With

87439 Pico-SPOX Wire-to-Board Housing

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | 874370000-AS-000                   |
| Packaging Specification   | SPK-87438-001-001                  |
| Product Specification     | 874371001-PS-001, PS-87437-001-001 |
| Sales Drawing             | 874380231-SD-000                   |

This document was generated on 01/04/2023

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