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Part Number:

0874381143

Status:

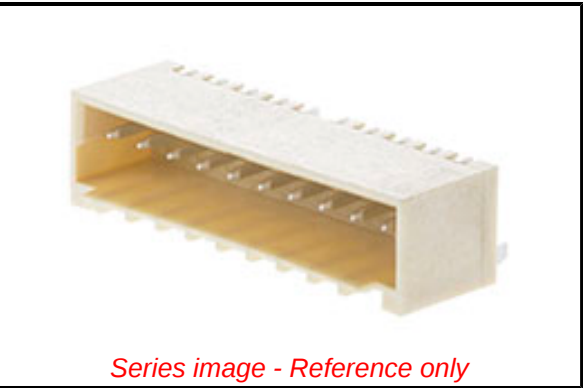
Active

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



Series image - Reference only

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <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 PS-87437-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                          |
|--------------------------------|------------------------------------------|
| Agency Certification           |                                          |
| CSA                            | LR19980                                  |
| UL                             | E29179                                   |
| General                        |                                          |
| Product Family                 | PCB Headers                              |
| Series                         | 87438                                    |
| 3D Viewer                      | Yes                                      |
| Application                    | Signal, Wire-to-Board                    |
| CURRENT-MAX-NUMERIC            | 2.5                                      |
| Overview                       | Pico-SPOX Wire-to-Board Connector System |
| PITCH-MATING-NUMERIC           | 1.50                                     |
| Product Name                   | Pico-SPOX                                |
| 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 over Nickel                          |
| Material - Plating Termination | Tin over Nickel                          |
| 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                            |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per -ED/88/2018 (15 January 2019)               |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| 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     | PS-87437-001-001                   |
| Sales Drawing             | 874380231-SD-000, SD-87438-001-001 |

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