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Part Number:

0874210002

Status:

Active

Overview:

Pico-SPOX Wire-to-Board Connector System

Description:

1.50mm Pitch, Pico-SPOX Female Crimp Terminal, Gold (Au) Plating, 24-26 AWG, Reel



Documents:

Drawing (PDF)

Product Specification 2027050000-000 (PDF)

Product Specification 2027051000-PS-000 (PDF)

Product Specification PS-78047-001-001 (PDF)

Application Specification 874370000-AS-000 (PDF)

Packaging Specification 874219200-SPK-201 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| General                        |                                                     |
| Product Family                 | Crimp Terminals                                     |
| Series                         | 87421                                               |
| Application                    | Signal, Wire-to-Board, Wire-to-Wire                 |
| Crimp Quality Equipment        | Yes                                                 |
| Overview                       | Pico-SPOX Wire-to-Board Connector System            |
| Product Name                   | Pico-SPOX                                           |
| UPC                            | 883906182618                                        |
| Physical                       |                                                     |
| Durability (mating cycles max) | 10                                                  |
| Gender                         | Female                                              |
| Material - Metal               | Phosphor Bronze                                     |
| Material - Plating Mating      | Gold                                                |
| Material - Plating Termination | Tin                                                 |
| Net Weight                     | 19.000/mg                                           |
| Packaging Type                 | Reel                                                |
| Plating min - Mating           | 1.000µm                                             |
| Plating min - Termination      | 1.000µm                                             |
| Termination Interface: Style   | Crimp or Compression                                |
| Wire Insulation Diameter       | 0.95-1.20mm                                         |
| Wire Size AWG                  | 24, 26                                              |
| Wire Size mm²                  | N/A                                                 |
| Electrical                     |                                                     |
| Current - Maximum per Contact  | 2.5A                                                |
| Voltage - Maximum              | 250V                                                |
| Material Info                  |                                                     |
| Reference - Drawing Numbers    |                                                     |
| Application Specification      | 874370000-AS-000                                    |
| Crimp Specification            | 874210000-CS-000                                    |
| Packaging Specification        | 874219200-SPK-201                                   |
| Product Specification          | 2027050000-000, 2027051000-PS-000, PS-78047-001-001 |
| Sales Drawing                  | 874210000-SD-000                                    |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)4578-DC (25 June 2020)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| 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

87421 Series

Use With

87439 Pico-SPOX Wire-to-Board Housing

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

|                                                                                              |            |
|----------------------------------------------------------------------------------------------|------------|
| Global                                                                                       |            |
| Description                                                                                  | Product #  |
| Hand Crimp Tool for 1.50mm (.059") Pico-SPOX Crimp Terminal, Female, 24-26 AWG, UL1061 Wires | 2002183900 |
| FA2 Mechanical Feed Crimp Applicator for Pico-SPOX 1.50mm Pitch Receptacle Crimp             | 2130691000 |

|                                                                           |                  |                  |
|---------------------------------------------------------------------------|------------------|------------------|
| Terminals, 24-26<br>AWG, UL1061 Wire<br>Extraction and<br>Activation Tool |                  | <u>638132700</u> |
| <b>Japan</b>                                                              |                  |                  |
| <b>Description</b>                                                        | <b>Product #</b> |                  |
| S-1 Applicator<br>for Pico-SPOX<br>Receptacle<br>Terminals, 24-26<br>AWG  | <u>572943700</u> |                  |

This document was generated on 07/31/2020

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