



**Part Number :** [874391500](#)

**Product Description :** 1.50mm Pitch, Pico-SPOX Receptacle Crimp Housing, Single Row, Friction Lock, 15 Circuits, Natural



**Series Number :** 87439

**Status :** Active

**Product Category :** Connector Housings

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## Documents & Resources

### Drawings

[874391500\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[874391500.dxf](#)

### Specifications

[874370000-AS-000.pdf](#)

[SPK-87439-001-001.pdf](#)

[2027050000-000.pdf](#)

[2027051000-PS-000.pdf](#)

[PS-78047-001-001.pdf](#)

[874371001-PS-001.pdf](#)

[PS-87437-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                |
|--------------------|--------------------------------|
| GADSL/IMDS         | Not Relevant                   |
| China RoHS         | ⓘ<br>per SJ/T 11365-2006       |
| EU ELV             | Not Relevant                   |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |

|            |  |
|------------|--|
| REACH SVHC | Not Contained per D(2025)4165-DC<br>(25 June 2025) |
| EU RoHS    | Compliant per EU 2015/863                          |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

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

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | Connector Housings   |
| Series       | 87439  |
| Description  | 1.50mm Pitch, Pico-SPOX<br>Receptacle Crimp Housing, Single<br>Row, Friction Lock, 15 Circuits,<br>Natural |
| Application  | Signal, Wire-to-Board  |
| Product Name | Pico-SPOX  |
| UPC          | 800753537255   |

### Agency

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

### Physical

|                    |    |
|--------------------|----|
| Circuits (maximum) | 15 |
|--------------------|----|

|                               |                |
|-------------------------------|----------------|
| Color - Resin                 | Natural        |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 208.150/mg     |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 1.50mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -55° to +105°C |

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## Mates With / Use With

### Mates with Part(s)

| Description  | Part Number  |
|--|--------------|
| Pico-SPOX Vertical, Single Row, Surface Mount Headers    | <u>87437</u> |
| Pico-SPOX Right-Angle, Single Row, Surface Mount Headers | <u>87438</u> |

### Use with Part(s)

| Description                      | Part Number  |
|----------------------------------|--------------|
| Pico-SPOX Female Crimp Terminals | <u>87421</u> |