



Part Number : 22057105

Series Number : 5268

Product Category : PCB Headers and Receptacles

Product Description : 2.50mm Pitch, Mini-SPOX PCB Header, Single Row, Right-Angle, Through Hole, Tin Plating, Friction Lock, 10 Circuits, Bag, 3.50mm PC Tail Length

Status : Active

Engineering Number : 5268-10A

Documents & Resources

Drawings

Drawing 022057105\_sd.pdf

3D Models and Design Files

2D Drawing DXF 022057105.dxf

2D Drawing DXF (PDF) 022057105.pdf

3D Model 022057105\_stp.zip

Specifications

Packaging Specification SPK-5268-001-001.pdf

Product Specification 52641001-PS-000.pdf

Product Specification PS-5264-001-001.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                           |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

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

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                         |
| Category       | PCB Headers and Receptacles                                                                                                                    |
| Series         | 5268                                                                                                                                           |
| Description    | 2.50mm Pitch, Mini-SPOX PCB Header, Single Row, Right-Angle, Through Hole, Tin Plating, Friction Lock, 10 Circuits, Bag, 3.50mm PC Tail Length |
| Application    | Signal, Wire-to-Board                                                                                                                          |
| Component Type | PCB Header                                                                                                                                     |
| Product Family | Mini-SPOX Wire-to-Board Connector System                                                                                                       |
| Product Name   | Mini-SPOX                                                                                                                                      |
| UPC            | 800753750777                                                                                                                                   |

#### Agency

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

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

#### Physical

|                    |         |
|--------------------|---------|
| Breakaway          | No      |
| Circuits (Loaded)  | 10      |
| Circuits (maximum) | 10      |
| Color - Resin      | Natural |

|                                |                |
|--------------------------------|----------------|
| Durability (mating cycles max) | 30             |
| 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 - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | Nylon          |
| Net Weight                     | 989.800/mg     |
| Number of Rows                 | 1              |
| Orientation                    | Right Angle    |
| Packaging Type                 | Bag            |
| PC Tail Length                 | 3.50mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 1.60mm         |
| Pitch - Mating Interface       | 2.50mm         |
| Plating min - Mating           | 4.064µm        |
| Plating min - Termination      | 4.064µm        |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | No             |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Temperature Range - Operating  | -55° to +105°C |
| Termination Interface Style    | Through Hole   |

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## Mates With / Use With

### Mates with Part(s)

| Description                              | Part Number |
|------------------------------------------|-------------|
| Mini-SPOX Single Row Receptacle Housings | <u>5264</u> |

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