



Part Number : [09652028](#)

Product Description : SPOX and KK 396 Wire-to-Board Header, Vertical, with Friction Lock, 2 Circuits

Series Number : 5273

Status : Active

Product Category : PCB Headers and Receptacles

Engineering Number : 5273-02A



Documents & Resources

Drawings

[Drawing 009652028_sd.pdf](#)

3D Models and Design Files

[3D Model 009652028_stp.zip](#)

[Symbol Footprint Data SYM-09-65-2028-001.zip](#)

Specifications

[Packaging Specification SPK-5273-001-001.pdf](#)

[Product Specification PS-5195-001-001.pdf](#)

[Product Specification PS-5195-005-001.pdf](#)

[Product Specification PS-5239-002-001.pdf](#)

[Product Specification PS-5239-004-001.pdf](#)

[Product Specification PS-5239-006-001.pdf](#)


[Product Specification PS-5239-007-001.pdf](#)

[Product Specification PS-5273-003-001.pdf](#)

[Product Specification PS-5273-004-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)3788-DC (14 Jun 2023) |

| | |
|---------|---------------------------|
| 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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 5273 |
| Description | SPOX and KK 396 Wire-to-Board Header, Vertical, with Friction Lock, 2 Circuits |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | KK Interconnect Systems |
| Product Name | KK 396,SPOX |
| UPC | 800753613645 |

Agency

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

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 7.0A |
| Voltage - Maximum | 250V |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-2 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Nickel |
| Material - Resin | Nylon |
| Net Weight | 664.600/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Bag |
| PC Tail Length | 3.60mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 3.96mm |
| Pitch - Termination Interface | 3.96mm |
| Plating min - Mating | 5.080µm |
| Plating min - Termination | 5.080µm |
| Polarized to PCB | No |
| Shrouded | Partial |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|-------------|
| SPOX 3.96mm Pitch Single Row Receptacle Housings | <u>5195</u> |

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