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**Part Number:** [0022438090](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** 2.50mm Pitch SPOX™ Header, Shrouded, In-line Footprint, 9 Circuits, White

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-42249-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-42249-0001 (PDF)</a>      |
| <a href="#">Product Specification PS-42219-0001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

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

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers                                     |
| Series         | <a href="#">42267</a>                           |
| Application    | Signal, Wire-to-Board                           |
| Overview       | <a href="#">KK® Interconnect System - Molex</a> |
| Product Name   | SPOX™   |
| UPC            | 800754394420                                    |

**Physical**

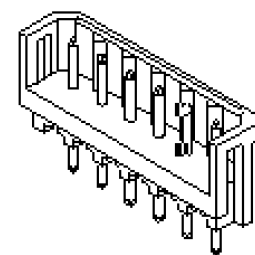
|                                |              |
|--------------------------------|--------------|
| Breakaway                      | No           |
| Circuits (Loaded)              | 9            |
| Circuits (maximum)             | 9            |
| Color - Resin                  | Natural      |
| Durability (mating cycles max) | 25           |
| Flammability                   | 94V-0        |
| Glow-Wire Compliant            | No           |
| Lock to Mating Part            | None         |
| Material - Plating Mating      | Tin          |
| Material - Plating Termination | Tin          |
| Material - Resin               | Polyester    |
| Net Weight                     | 0.717/g      |
| Number of Rows                 | 1            |
| Orientation                    | Vertical     |
| PC Tail Length                 | 3.30mm       |
| PCB Locator                    | No           |
| PCB Retention                  | Yes          |
| PCB Thickness - Recommended    | 1.60mm       |
| Packaging Type                 | Bag          |
| Pitch - Mating Interface       | 2.50mm       |
| Plating min - Mating           | 2.540µm      |
| Plating min - Termination      | 2.540µm      |
| Polarized to Mating Part       | Yes          |
| Polarized to PCB               | No           |
| Shrouded                       | Partial      |
| Stackable                      | No           |
| Temperature Range - Operating  | 0°C to +75°C |
| Termination Interface: Style   | Through Hole |

**Electrical**

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

**Solder Process Data**

|  |     |
|--|-----|
| Duration at Max. Process Temperature (seconds) | 005 |
|--|-----|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[42267 Series](#)

**Mates With**

[42219](#)

|   |      |
|---|------|
| Lead-freeProcess Capability             | WAVE |
| Max. Cycles at Max. Process Temperature | 001  |
| Process Temperature max. C              | 235  |

**Material Info**

|                    |             |
|--------------------|-------------|
| Engineering Number | A-42267-09A |
|--------------------|-------------|

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | AS-42249-001-001  |
| Packaging Specification   | PK-42249-0001     |
| Product Specification     | PS-42219-0001-001 |
| Sales Drawing             | SDA-42267-*       |

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