

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [09-65-2088](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** SPOX™ and KK® 396 Wire-to-Board Header, Vertical, with Friction Lock, 8 Circuits

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                                | <a href="#">Product Specification PS-5239-006 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                           | <a href="#">Product Specification PS-5239-007 (PDF)</a>    |
| <a href="#">Product Specification PS-5195-001 (PDF)</a> | <a href="#">Product Specification PS-5273-003 (PDF)</a>    |
| <a href="#">Product Specification PS-5195-005 (PDF)</a> | <a href="#">Product Specification PS-5273-004 (PDF)</a>    |
| <a href="#">Product Specification PS-5239-002 (PDF)</a> | <a href="#">Packaging Specification SPK-5273-001 (PDF)</a> |
| <a href="#">Product Specification PS-5239-004 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

**Agency Certification**

|     |           |
|-----|-----------|
| CSA | LR19980   |
| TUV | R72090224 |
| UL  | E29179    |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers                                     |
| Series         | <a href="#">5273</a>                            |
| Application    | Power, Wire-to-Board                            |
| Overview       | <a href="#">KK® Interconnect System - Molex</a> |
| Product Name   | KK® 396, SPOX™                                  |
| UPC            | 800753613720                                    |

**Physical**

|                                |             |
|--------------------------------|-------------|
| Breakaway                      | No          |
| Circuits (Loaded)              | 8           |
| Circuits (maximum)             | 8           |
| Color - Resin                  | Natural     |
| Durability (mating cycles max) | 30          |
| First Mate / Last Break        | No          |
| Flammability                   | 94V-2       |
| Glow-Wire Compliant            | 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 | Tin         |
| Material - Resin               | Nylon       |
| Net Weight                     | 2753.700/mg |
| Number of Rows                 | 1           |
| Orientation                    | Vertical    |
| PC Tail Length                 | 3.60mm      |
| PCB Locator                    | No          |
| PCB Retention                  | None        |
| PCB Thickness - Recommended    | 1.60mm      |
| Packaging Type                 | Bag         |
| 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     |

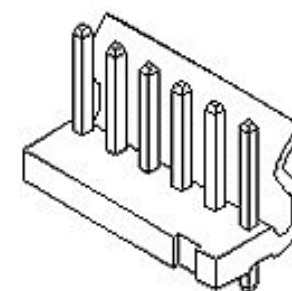


image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[5273Series](#)

**Mates With**

5195 SPOX™ Crimp Housing, [5239](#) KK® 396 Crimp Housing

|                                |                 |
|--------------------------------|-----------------|
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -40°C to +105°C |
| Termination Interface: Style   | Through Hole    |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 7A   |
| Voltage - Maximum             | 250V |

**Material Info**

|                 |          |
|-----------------|----------|
| Old Part Number | 5273-08A |
|-----------------|----------|

**Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | SPK-5273-001  |
| Product Specification   | PS-5195-001, PS-5195-005, PS-5239-002,<br>PS-5239-004, PS-5239-006, PS-5239-007,<br>PS-5273-003, PS-5273-004, RPS-5195-002,<br>RPS-5239-001, RPS-5273-002 |
| Sales Drawing           | SD-5273-001   |

This document was generated on 05/14/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**