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**Part Number:** [0428910123](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK 396 Solid Vertical Header, Friction Lock, with Snap-in Plastic Peg PCB Lock, 5 Circuits, 0.38µm Gold (Au) Selective Plating

|                                |                                                                |
|--------------------------------|----------------------------------------------------------------|
| <b>Documents:</b>              |                                                                |
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-08-50-001 (PDF)</a>       |
| <a href="#">3D Model (PDF)</a> | <a href="#">Packaging Specification PK-42491-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

|                                                |                                                 |
|------------------------------------------------|-------------------------------------------------|
| <b>Agency Certification</b>                    |                                                 |
| UL                                             | E29179                                          |
| <b>General</b>                                 |                                                 |
| Product Family                                 | PCB Headers                                     |
| Series                                         | <a href="#">42891</a>                           |
| Application                                    | Power, Wire-to-Board                            |
| Overview                                       | <a href="#">KK® Interconnect System - Molex</a> |
| Product Name                                   | KK 396                                          |
| UPC                                            | 756054535691                                    |
| <b>Physical</b>                                |                                                 |
| Breakaway                                      | No                                              |
| Circuits (Loaded)                              | 5                                               |
| Circuits (maximum)                             | 5                                               |
| Durability (mating cycles max)                 | 100                                             |
| Flammability                                   | 94V-0                                           |
| Glow-Wire Capable                              | No                                              |
| Lock to Mating Part                            | Yes                                             |
| Material - Metal                               | Brass                                           |
| Material - Plating Mating                      | Gold                                            |
| Material - Plating Termination                 | Tin                                             |
| Net Weight                                     | 1.908/g                                         |
| Number of Rows                                 | 1                                               |
| Orientation                                    | Vertical                                        |
| PC Tail Length                                 | 3.56mm                                          |
| PCB Locator                                    | Yes                                             |
| PCB Retention                                  | Yes                                             |
| PCB Thickness - Recommended                    | 1.60mm                                          |
| Packaging Type                                 | Bag                                             |
| Pitch - Mating Interface                       | 3.96mm                                          |
| Plating min - Mating                           | 0.381µm                                         |
| Plating min - Termination                      | 2.540µm                                         |
| Polarized to Mating Part                       | No                                              |
| Polarized to PCB                               | Yes                                             |
| Shrouded                                       | No                                              |
| Stackable                                      | Yes                                             |
| Temperature Range - Operating                  | See Product Specification                       |
| Termination Interface: Style                   | Through Hole                                    |
| <b>Electrical</b>                              |                                                 |
| Current - Maximum per Contact                  | 7.0A                                            |
| Voltage - Maximum                              | 250V                                            |
| <b>Solder Process Data</b>                     |                                                 |
| Duration at Max. Process Temperature (seconds) | 005                                             |
| Lead-freeProcess Capability                    | WAVE                                            |



Series image - Reference only

|                                                                                                                                                                                                                                                     |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                                |                                                                                               |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per<br>-ED/01/2018 (15<br>January 2018)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b><br><br><br><br><br><br><br><br><br><br>China ROHS<br>ELV<br>RoHS Phthalates |
|                                                                                                                                                                                                                                                     | Green Image<br>Not Relevant<br>Not Contained                                                  |

**Search Parts in this Series**  
[42891](#) Series

**Mates With**  
[2139](#) KK Crimp Housing, [41695](#) KK Crimp Housing, [6442](#) KK Crimp Housing, [2145](#) PCB Connector, [41815](#) PCB Connector, [3069](#) KK Crimp Housing

|                                         |     |
|-----------------------------------------|-----|
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C              | 235 |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-42491-001-001 |
| Product Specification   | PS-08-50-001     |
| Sales Drawing           | SD-42891-001-002 |
| Symbol/Footprint Data   | SYM-26-60-6050   |

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