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**Part Number:** [0026602050](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK 396 Header, Vertical, without Peg, 5 Circuits, Tin (Sn) Plating

**Documents:**

|                                                          |                                                                |
|----------------------------------------------------------|----------------------------------------------------------------|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification 417710000-PK-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-08-50-001 (PDF)</a> |                                                                |

**Agency Certification**

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

**General**

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Product Family       | PCB Headers                                     |
| Series               | <a href="#">41771</a>                           |
| 3D Viewer            | Yes                                             |
| Application          | Board-to-Board, Power, Wire-to-Board            |
| CURRENT-MAX-NUMERIC  | 7.0                                             |
| Overview             | <a href="#">KK® Interconnect System - Molex</a> |
| PITCH-MATING-NUMERIC | 3.96                                            |
| Product Name         | KK 396                                          |
| UPC                  | 800754396523                                    |

**Physical**

|                                |                           |
|--------------------------------|---------------------------|
| Breakaway                      | No                        |
| Circuits (Loaded)              | 5                         |
| Circuits (maximum)             | 5                         |
| Color - Resin                  | Natural                   |
| Durability (mating cycles max) | 25                        |
| Flammability                   | 94V-0                     |
| Glow-Wire Capable              | No                        |
| Lock to Mating Part            | None                      |
| Material - Metal               | Brass                     |
| Material - Plating Mating      | Tin                       |
| Material - Resin               | Polyester                 |
| Net Weight                     | 1.365/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| PC Tail Length                 | 3.56mm                    |
| PCB Locator                    | No                        |
| PCB Retention                  | None                      |
| PCB Thickness - Recommended    | 1.60mm                    |
| Packaging Type                 | Bag                       |
| Pitch - Mating Interface       | 3.96mm                    |
| Polarized to Mating Part       | Yes                       |
| Polarized to PCB               | No                        |
| Shrouded                       | Partial                   |
| Stackable                      | Yes                       |
| Temperature Range - Operating  | See Product Specification |
| Termination Interface: Style   | Through Hole              |

**Electrical**

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

**Solder Process Data**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

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

**Search Parts in this Series**

[41771](#) 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

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Duration at Max. Process Temperature (seconds) | 005                                |
| Lead-freeProcess Capability                    | WAVE                               |
| Max. Cycles at Max. Process Temperature        | 001                                |
| Process Temperature max. C                     | 235                                |
| <b>Material Info</b>                           |                                    |
| Engineering Number                             | 41771-0005                         |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Packaging Specification                        | 417710000-PK-000                   |
| Product Specification                          | PS-08-50-001                       |
| Sales Drawing                                  | SD-41771-001-000, SD-41771-001-002 |
| Symbol/Footprint Data                          | SYM-26-60-2050                     |

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