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**Part Number:** [41671-0032](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 10 Circuits, 0.76µm Gold \(Au\) Selective Plating](#)

**Documents:**

[3D Model](#) [Product Specification PS-08-50 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [41671](#)  
 Application Power, Wire-to-Board  
 Application Tooling Part Link [11-20-0901](#)  
 Overview [KK® Interconnect System - Molex](#)  
 Product Name [KK® 396](#)  
 UPC [756054882948](#)

**Physical**

Breakaway Yes  
 Circuits (Loaded) 10  
 Circuits (maximum) 10  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 3.478/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 4.37mm  
 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 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB No  
 Shrouded Partial  
 Stackable No  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole

**Electrical**

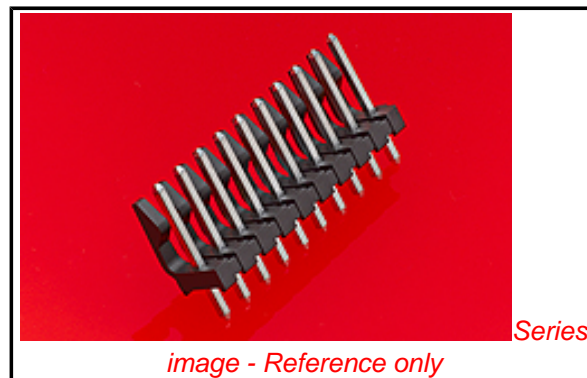


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No Low-Halogen Status Not 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**

[41671Series](#)

**Mates With**

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

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

**Solder Process Data**

|  |                        |
|--|------------------------|
| Duration at Max. Process Temperature (seconds) | 5                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 235                    |

**Material Info**

|                 |                 |
|-----------------|-----------------|
| Old Part Number | A-41671-C10A228 |
|-----------------|-----------------|

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-08-50     |
| Sales Drawing         | SD-41671-001 |

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