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**Part Number:** [26-61-4080](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 396 Header, Vertical, Friction Lock, 8 Circuits, Gold \(Au\) 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 [41791](#)  
 Application Power, Wire-to-Board  
 Overview [KK® Interconnect System - Molex](#)  
 Product Name KK® 396  
 UPC 800754202985

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Natural  
 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 Matte Tin  
 Material - Resin Polyester  
 Net Weight 2.984/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 7A  
 Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5  
 Lead-free Process Capability Wave Capable (TH only)



*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**

[41791Series](#)

**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 | 1   |
| Process Temperature max. C              | 235 |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 41791-0025 |
|-----------------|------------|

**Reference - Drawing Numbers**

|                       |           |
|-----------------------|-----------|
| Product Specification | PS-08-50  |
| Sales Drawing         | SDA-41791 |

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