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**Part Number:** [0416610525](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK 396 Breakaway Header, Vertical, 9 Circuits, Tin (Sn) Plating, Pin length 26.21mm

**Documents:**

[3D Model](#) [Symbol Footprint Data SYM-26-48-1091 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-41661-001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**Application tooling part link**

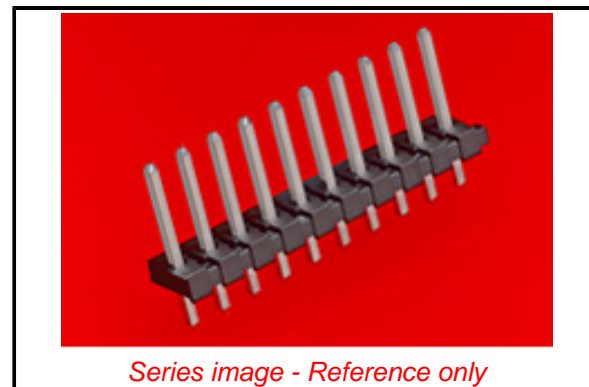
Application Tooling Part Link 11-20-0901

**General**

Product Family PCB Headers  
 Series 41661  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview [KK® Interconnect System - Molex](#)  
 Product Name KK 396  
 UPC 822348896622

**Physical**

Breakaway Yes  
 Circuits (Loaded) 9  
 Circuits (maximum) 9  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 3.567/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 11.48mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 Pitch - Mating Interface 3.96mm  
 Pitch - Termination Interface 3.96mm  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating See Product Specification



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[41661](#) 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

Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 4.5A  
Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 005  
Lead-free Process Capability WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 235

**Material Info**

Engineering Number A-41661-A09CL197

**Reference - Drawing Numbers**

Packaging Specification PK-41661-001-001  
Sales Drawing SD-41661-001, SD-41661-001-002  
Symbol/Footprint Data SYM-26-48-1091

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