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**Part Number:** [1718130003](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** 3.96mm Pitch, KK 396 RPC Vertical Header with Friction Lock, Tin (Sn) Plating, Pin Length 17.02mm, Bag, 3 Circuits, without Pegs

**Documents:**

[3D Model](#) [Drawing \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

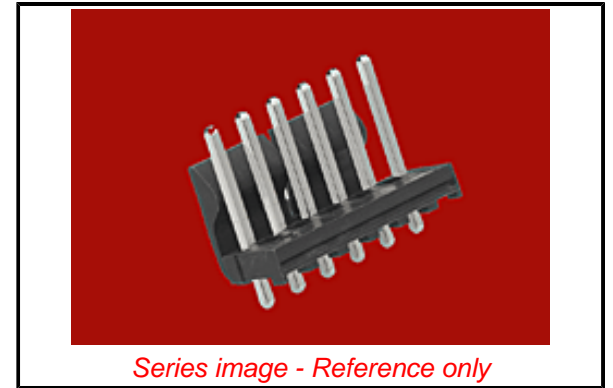
**General**

Product Family PCB Headers  
 Series [171813](#)  
 Application Board-to-Board, Power, Signal, Wire-to-Board  
 Comments See Product Specification for maximum current rating by material, AWG, and orientation.<br><br>See Product Specification for operating temperature range by material.

Overview [KK® Interconnect System - Molex](#)  
 Product Name KK 396  
 UPC 887191374703

**Physical**

Breakaway No  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 First Mate / Last Break No  
 Flammability 94V-1, 94V-2  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Matte Tin  
 Material - Plating Termination Matte Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.917/g  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 Pitch - Mating Interface 3.96mm  
 Plating min - Mating 1.524µm  
 Plating min - Termination 1.524µm  
 Polarized to Mating Part Yes  
 Shrouded Partial  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40° to +105°C, -40° to +80°C



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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**

[171813 Series](#)

**Mates With**

[2145](#) , [41815](#) , [6442](#) , [2139](#) , [41695](#)

Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 5.0A, 7.0A

Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 030

Lead-freeProcess Capability SMC&WAVE

Max. Cycles at Max. Process Temperature 003

Process Temperature max. C 260

**Material Info**

This document was generated on 07/14/2020

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