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Part Number: [0026584120](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 Breakaway Header, Vertical, 12 Circuits, Tin (Sn) Plating, Pin length 30.48mm (1.200")

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-08-50-001 \(PDF\)](#)

Agency Certification

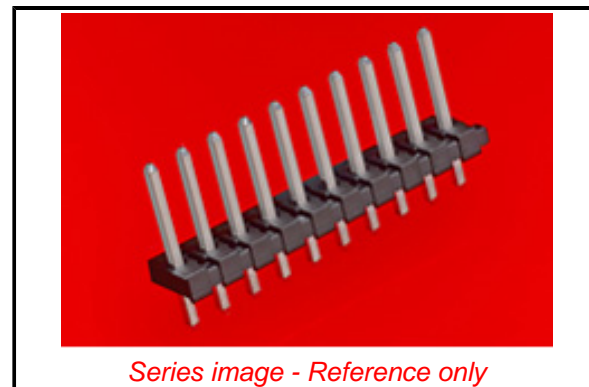
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [41661](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Application Tooling Part Link 11-20-0901
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK 396
 UPC 800754915786

Physical

Breakaway Yes
 Circuits (Loaded) 12
 Circuits (maximum) 12
 Color - Resin Black
 Durability (mating cycles max) 25
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant 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 4.946/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.02mm
 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 5.080µm
 Plating min - Termination 5.080µm
 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 -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS Green Image
 ELV Not Relevant
 RoHS Phthalates 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-A12E197

Reference - Drawing Numbers

Product Specification PS-08-50-001

Sales Drawing SD-41661-001, SD-41661-001-002

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