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Part Number: [0026483121](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 Breakaway Header, Vertical, 12 Circuits, 0.50µm (20µ") Gold (Au) Overall Plating, Pin length 30.48mm (1.200")

Documents:

[Drawing \(PDF\)](#) [Symbol Footprint Data SYM-26-48-1121 \(PDF\)](#)
[Product Specification PS-08-50-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-41661-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

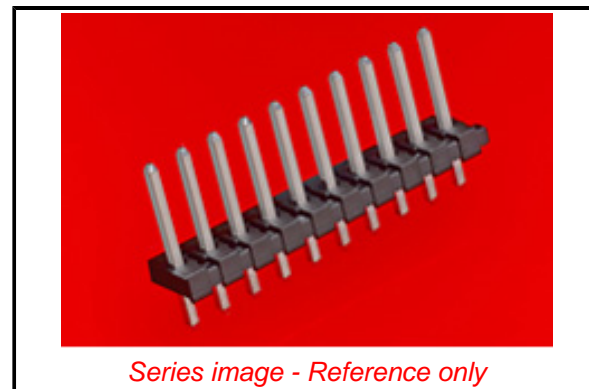
Application Tooling Part Link 11-20-0901

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 800754905244

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 Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Matte Tin
 Material - Resin Polyester
 Net Weight 4.790/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
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable Yes
 Surface Mount Compatible (SMC) No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

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

| | |
|--|--------------------------------|
| Temperature Range - Operating | See Product Specification |
| 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-A12E241 |
| Reference - Drawing Numbers | |
| Packaging Specification | PK-41661-001-001 |
| Product Specification | PS-08-50-001 |
| Sales Drawing | SD-41661-001, SD-41661-001-002 |
| Symbol/Footprint Data | SYM-26-48-1121 |

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