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Part Number: [0416610005](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 396 Breakaway Header, Vertical, 6 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

[3D Model](#) [Packaging Specification PK-41661-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-08-50-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

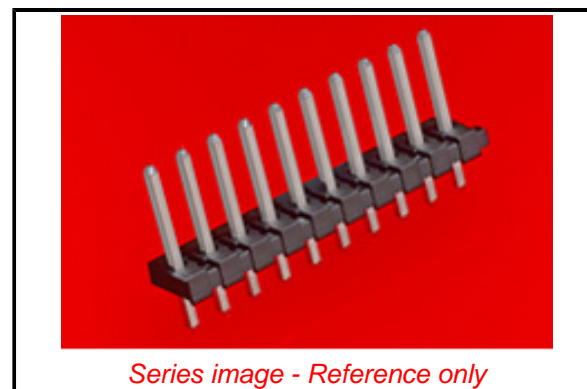
Application Tooling Part Link 11-20-0901

General

Product Family PCB Headers
 Series 41661
 Application Board-to-Board, Power, Wire-to-Board
 Overview [KK Interconnect Solutions](#)
 Product Name KK 396
 UPC 191128090049

Physical

Breakaway Yes
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Black
 Durability (mating cycles max) 50
 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 Gold
 Material - Resin Polyester
 Net Weight 1.681/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 4.37mm
 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 0.381µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Partial
 Stackable No
 Temperature Range - Operating See Product Specification



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

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 7.0A

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-B06A208

Reference - Drawing Numbers

Packaging Specification PK-41661-001-001

Product Specification PS-08-50-001

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

This document was generated on 09/20/2021

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