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Part Number: [0416610431](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 396 Breakaway Header, Vertical, 7 Circuits, 0.38µm Gold (Au) Selective Plating, Pin length 21.34mm

Documents:

3D Model	Packaging Specification PK-41661-001-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-26-48-1071-001 (PDF)
Product Specification PS-08-50-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

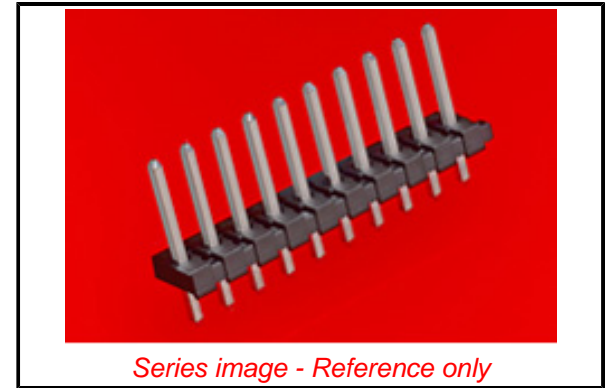
Application Tooling Part Link	11-20-0901
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General

Product Family	PCB Headers
Series	41661
Application	Board-to-Board, Signal, Wire-to-Board
Overview	KK Interconnect Solutions
Product Name	KK 396
UPC	756054790007

Physical

Breakaway	Yes
Circuits (Loaded)	7
Circuits (maximum)	7
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	Gold
Material - Resin	Polyester
Net Weight	2.301/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	4.11mm
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

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

Temperature Range - Operating
Termination Interface: Style

See Product Specification
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-B07CE208

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
Symbol/Footprint Data SYM-26-48-1071-001

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