



**Part Number :** [26482026](#)

**Product Description :** KK 396 Breakaway Header, Right-Angle with Friction Lock, 2 Circuits, Gold (Au) Plating

**Series Number :** 41672

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Part Number :** A-41672-A02A241



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## Documents and Resources

### Drawings

[026482026 sd.pdf](#)

[PK-41672-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[SYM-41672-0001-001.zip](#)


### Specifications

[PS-08-50-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

## Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	41672
Description	KK 396 Breakaway Header, Right-Angle with Friction Lock, 2 Circuits, Gold (Au) Plating
Application	Wire-to-Board
Component Type	PCB Header
Product Name	KK 396
UPC	800753627147

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	7.0A
Voltage - Maximum	250V

### Physical

Breakaway	Yes
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Gender	Male
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Mounting Style	Through Hole
Net Weight	0.832/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	5.38mm
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Shrouded	Unshrouded
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface Style	Through Hole

### Solder Process Data

Max-Duration	5
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Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
KK 3.96mm Single Row Crimp Housings	<u>2139</u>
KK 3.96mm Single Row Crimp Housings	<u>3069</u>
KK 3.96mm Crimp Housings	<u>41695</u>
KK 396 PC Board Connector	<u>41815</u>
KK 3.96mm Pitch Single Row Crimp Housings	<u>6442</u>

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## Application Tooling

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