



**Part Number :** [26482126](#)  
**Product Description :** KK 396 Breakaway Header, Right-Angle with Friction Lock, 12 Circuits, Gold (Au) Plating  
**Series Number :** 41672  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** A-41672-A12A241



Documents & Resources

**Drawings**  
[026482126\\_sd.pdf](#)  
[PK-41672-001-001.pdf](#)

**3D Models and Design Files**  
[026482126\\_stp.zip](#)  
[SYM-41672-0011-001.zip](#)

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

Product Environment Compliance

Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025)  |
| EU RoHS            | Compliant per EU 2015/863   |

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

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

#### EU RoHS Certificate of Compliance

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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, 12 Circuits, Gold (Au) Plating |
| Application    | Power, Wire-to-Board  |
| Component Type | PCB Header  |
| Product Name   | KK 396  |
| UPC            | 800754389150  |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Electrical

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

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | Yes   |
| Circuits (Loaded)              | 12    |
| Circuits (maximum)             | 12    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 50    |

|                                |                           |
|--------------------------------|---------------------------|
| Flammability                   | 94V-0                     |
| Glow-Wire Capable              | No                        |
| Lock to Mating Part            | Yes                       |
| Material - Metal               | Brass                     |
| Material - Plating Mating      | Gold                      |
| Material - Plating Termination | Matte Tin                 |
| Material - Resin               | Polyester                 |
| Net Weight                     | 4.992/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Right Angle               |
| Packaging Type                 | Bag                       |
| PC Tail Length                 | 5.38mm                    |
| PCB Locator                    | No                        |
| PCB Retention                  | None                      |
| PCB Thickness - Recommended    | 1.60mm                    |
| Pitch - Mating Interface       | 3.96mm                    |
| Pitch - Termination Interface  | 3.96mm                    |
| Polarized to Mating Part       | No                        |
| Polarized to PCB               | Yes                       |
| Shrouded                       | No                        |
| Stackable                      | No                        |
| Temperature Range - Operating  | See Product Specification |
| Termination Interface Style    | Through Hole              |

#### Solder Process Data

|                              |      |
|------------------------------|------|
| Max-Duration                 | 5    |
| 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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