



Part Number : [26482076](#)
Product Description : KK 396 Breakaway Header, Right-Angle with Friction Lock, 7 Circuits, Gold (Au) Plating
Series Number : 41672
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A-41672-A07A241



Documents & Resources

Drawings

[026482076_sd.pdf](#)
[PK-41672-001-001.pdf](#)

3D Models and Design Files


[026482076_stp.zip](#)
[SYM-41672-0006-001.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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 41672 |
| Description | KK 396 Breakaway Header, Right-Angle with Friction Lock, 7 Circuits, Gold (Au) Plating |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | KK 396 |
| UPC | 800754903189 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|-------|
| Breakaway | Yes |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |
| 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 | 2.910/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 |

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> |

This document was generated on Apr 22, 2025