



**Part Number :** [26481165](#)  
**Product Description :** KK 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 16 Circuits, Tin (Sn) Plating  
**Series Number :** 41671  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** A-41671-C16A197



Documents & Resources

Drawings

[026481165\\_sd.pdf](#)  
[PK-41671-001-001.pdf](#)

3D Models and Design Files


[026481165\\_stp.zip](#)  
[SYM-41671-0015-001.zip](#)

Specifications

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

Product Environment Compliance

Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 33   |
| 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         | 41671  |
| Description    | KK 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 16 Circuits, Tin (Sn) Plating |
| Application    | Power, Wire-to-Board   |
| Component Type | PCB Header   |
| Product Name   | KK 396   |
| UPC            | 800754386104   |

#### Agency

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

#### Electrical

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

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | Yes   |
| Circuits (Loaded)              | 16    |
| Circuits (maximum)             | 16    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 25    |

|                                |                           |
|--------------------------------|---------------------------|
| Flammability                   | 94V-0                     |
| Glow-Wire Capable              | No                        |
| Lock to Mating Part            | Yes                       |
| Material - Metal               | Brass                     |
| Material - Plating Mating      | Tin                       |
| Material - Plating Termination | Tin                       |
| Material - Resin               | Polyester                 |
| Net Weight                     | 6.271/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| Packaging Type                 | Bag                       |
| PC Tail Length                 | 4.37mm                    |
| PCB Locator                    | No                        |
| PCB Retention                  | None                      |
| PCB Thickness - Recommended    | 1.60mm                    |
| Pitch - Mating Interface       | 3.96mm                    |
| Pitch - Termination Interface  | 3.96mm                    |
| Plating min - Mating           | 5.080µm                   |
| Plating min - Termination      | 5.080µm                   |
| Polarized to Mating Part       | Yes                       |
| Polarized to PCB               | No                        |
| Shrouded                       | Partial                   |
| 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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