



**Part Number :** [26489052](#)

**Product Description :** KK 396 Breakaway Header,  
Vertical, 5 Circuits, Matte Tin (Sn) Plating, Pin Length  
25.40mm (1.000")

**Series Number :** 41661

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Part Number :** A-41661-A05D197



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## Documents and Resources

### Drawings

[026489052\\_sd.pdf](#)

[PK-41661-001-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[SYM-26-48-1051-001.zip](#)

### Specifications

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

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## Product Environment Compliance

### Compliance

|                    |                                                   |
|--------------------|---------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                      |
| China RoHS         | Not Reviewed per SJ/T<br>11365-2006               |
| EU ELV             | Not Relevant                                      |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21                   |
| REACH SVHC         | Not Reviewed per D(2025)7771-<br>DC (04 Feb 2026) |
| EU RoHS            | Not Reviewed 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         | 41661                                                                                              |
| Description    | KK 396 Breakaway Header, Vertical, 5 Circuits, Matte Tin (Sn) Plating, Pin Length 25.40mm (1.000") |
| Application    | Board-to-Board, Signal, Wire-to-Board                                                              |
| Component Type | PCB Header                                                                                         |
| Product Name   | KK 396                                                                                             |
| UPC            | 800754906975                                                                                       |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.5A |
| Voltage - Maximum             | 250V |

### Physical

|                                |                           |
|--------------------------------|---------------------------|
| Breakaway                      | Yes                       |
| Circuits (Loaded)              | 5                         |
| Circuits (maximum)             | 5                         |
| 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      | Matte Tin                 |
| Material - Plating Termination | Matte Tin                 |
| Material - Resin               | Polyester                 |
| Net Weight                     | 1.854/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| Packaging Type                 | Bag                       |
| PCB Locator                    | No                        |
| PCB Retention                  | None                      |
| PCB Thickness - Recommended    | 1.60mm                    |
| PC Tail Length                 | 3.89mm                    |
| Pitch - Mating Interface       | 3.96mm                    |
| Pitch - Termination Interface  | 3.96mm                    |
| Plating min - Mating           | 1.524µm                   |
| Plating min - Termination      | 1.524µm                   |
| Polarized to Mating Part       | No                        |
| Polarized to PCB               | No                        |
| Shrouded                       | No                        |
| Stackable                      | Yes                       |
| 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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## Application Tooling

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