



**Part Number :** [26192031](#)

**Product Description :** KK 396 Wire-to-Board Header, Vertical, Round Pin, with Polarizing Wall, 3 Circuits, Tin (Sn) Plating

**Series Number :** 3190

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Number :** 319003A



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## Documents & Resources

### Drawings

[026192031\\_sd.pdf](#)

[PK-3190-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[SYM-26-19-2031-001.zip](#)

### Specifications

[PS-99020-0087-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2023)3788-DC<br>(14 Jun 2023)                                                            |
| 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         | 3190                                                                                                 |
| Description    | KK 396 Wire-to-Board Header, Vertical, Round Pin, with Polarizing Wall, 3 Circuits, Tin (Sn) Plating |
| Application    | Power, Wire-to-Board                                                                                 |
| Component Type | PCB Header                                                                                           |
| Product Name   | KK 396                                                                                               |
| UPC            | 800753728295                                                                                         |

### Agency

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

### Electrical

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

### Physical

|                                |                           |
|--------------------------------|---------------------------|
| Breakaway                      | No                        |
| Circuits (Loaded)              | 3                         |
| Circuits (maximum)             | 3                         |
| Color - Resin                  | Natural                   |
| Durability (mating cycles max) | 25                        |
| First Mate / Last Break        | No                        |
| Flammability                   | 94V-2                     |
| 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      | Tin                       |
| Material - Plating Termination | Tin                       |
| Material - Resin               | Nylon                     |
| Net Weight                     | 0.804/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| Packaging Type                 | Bag                       |
| PCB Locator                    | No                        |
| PCB Retention                  | None                      |
| PCB Thickness - Recommended    | 1.60mm                    |
| PC Tail Length                 | 4.45mm                    |
| Pitch - Mating Interface       | 3.96mm                    |
| Pitch - Termination Interface  | 3.96mm                    |
| Plating min - Mating           | 5.080µm                   |
| Plating min - Termination      | 5.080µm                   |
| 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>3069</u> |