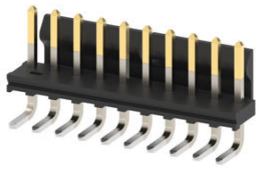
**Part Number :** 1718141010
**Product Description :** KK 396 RPC Right-Angle Header, 3.96mm Pitch, Friction Lock, 0.38µm Gold (Au) Plating, 11.33mm Mating Pin Length, 2.54mm Tail Length, Bag, 10 Circuits
**Series Number :** 171814
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

1718141010_sd.pdf

PK-41792-002-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-171814-0010-001.zip

### Specifications

PS-171813-0001-001.pdf

PS-171813-0002-001.pdf

TS-171813-0001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | 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(2025)7771-DC (04 Feb 2026) |

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| | |
|---|---|
| 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 | 171814 |
| Description | KK 396 RPC Right-Angle Header, 3.96mm Pitch, Friction Lock, 0.38µm Gold (Au) Plating, 11.33mm Mating Pin Length, 2.54mm Tail Length, Bag, 10 Circuits |
| Application | Power, Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | KK 396 |
| UPC | 887191429526 |

### Agency

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

### Electrical

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| | |
|---|---|
| Current - Maximum per Contact | 5.0A |
| Voltage - Maximum | 600V AC (RMS)/DC |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-1 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Nylon |
| Net Weight | 4.230/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Bag |
| PCB Locator | No |
| PCB Retention | No |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 2.54mm |
| Pitch - Mating Interface | 3.96mm |
| Pitch - Termination Interface | 3.96mm |
| Plating min - Mating | 0.381µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Partial |
| Stackable | Yes |

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| | |
|---|---|
| Temperature Range - Operating | -40° to +80°C |
| Termination Interface Style | Through Hole |

### Solder Process Data

| | |
|---|---|
| Max-Duration | 30 |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle | 3 |
| Max-Temp | 260 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| KK 3.96mm Single Row Crimp Housings | 2139 |
| KK 3.96mm Single Row Crimp Housings | 3069 |
| KK 3.96mm Crimp Housings | 41695 |
| KK 396 PC Board Connector | 41815 |
| KK 3.96mm Pitch Single Row Crimp Housings | 6442 |



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