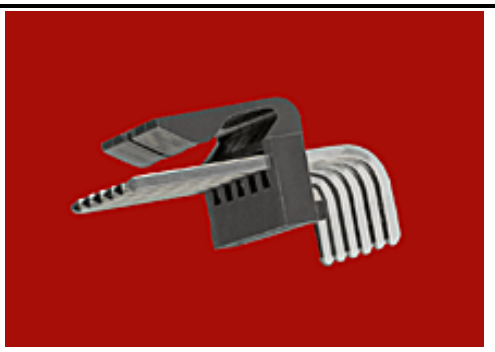
This document was generated on 01/06/2023

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 1718141010
**Status:** Active
**Overview:** KK Interconnect Systems
**Description:** 3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 10 Circuits



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification PS-171813-0001-001 (PDF)
- Product Specification PS-171813-0002-001 (PDF)
- Packaging Specification PK-41792-002-001 (PDF)
- Test Summary TS-171813-0001-001 (PDF)
- Symbol Footprint Data SYM-171814-0010-001 (PDF)
- RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**General**

| | |
|---|---|
| Product Family | PCB Headers |
| Series | 171814 |
| Application | Power, Signal, Wire-to-Board |
| Component Type | PCB Header |
| Overview | KK Interconnect Systems |
| Product Name | KK 396 |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 887191429526 |

**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 | None |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Material - Resin | Nylon |
| Net Weight | 4.230/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Bag |
| Pitch - Mating Interface | 3.96mm |
| Shrouded | Partial |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole |

**Electrical**

**EU ELV**
**Not Relevant**

**EU RoHS** **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - D(2022)4187-DC (10 June 2022)

**Halogen-Free Status**
**Low-Halogen**

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
171814 Series

**Mates With**
2145 , 41815 , 6442 , 2139 , 41695 , 3069

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

**Solder Process Data**

| | |
|---|---|
| Duration at Max. Process Temperature (seconds) | 030 |
| Lead-freeProcess Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 003 |
| Process Temperature max. C | 260 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Packaging Specification | PK-41792-002-001 |
| Product Specification | PS-171813-0001-001, PS-171813-0002-001 |
| Sales Drawing | SD-171814-0001-000, SD-171814-0001-002 |
| Symbol/Footprint Data | SYM-171814-0010-001 |
| Test Summary | TS-171813-0001-001 |

This document was generated on 01/06/2023

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**