

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1718140002](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 3.96mm Pitch, KK® 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, Tin (Sn) Plating, Bag, 2 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-171813-0002 (PDF) |
| Drawing (PDF) | Test Summary TS-171813-0001 (PDF) |
| Product Specification PS-171813-0001 (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 |
| Overview | KK® Interconnect System - Molex |
| Product Name | KK® 396 |
| UPC | 887191375649 |

Physical

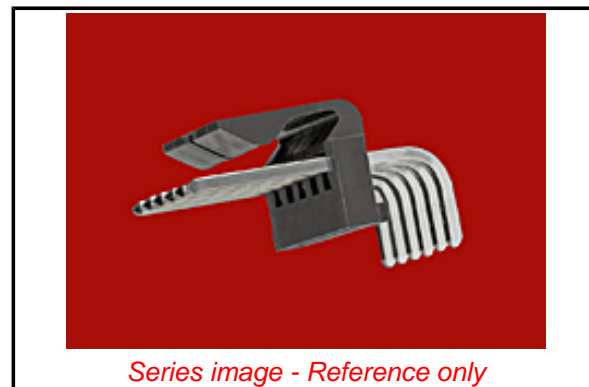
| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-1, 94V-2 |
| Glow-Wire Compliant | Yes |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Nickel |
| Material - Resin | Nylon |
| Net Weight | 0.780/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°C to +105°C |
| Termination Interface: Style | Through Hole |

Electrical

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

Solder Process Data

| | |
|--|-----|
| Duration at Max. Process Temperature (seconds) | 030 |
|--|-----|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

No -ED/39/2015 (15 June 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

171814 Series

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

SMC&WAVE
003
260

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing
Test Summary

PS-171813-0001, PS-171813-0002
SD-171814-0001
TS-171813-0001

This document was generated on 01/12/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION