

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [171813-1012](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: KK® RPC 3.96mm Wire-to-Board Vertical Header with Friction Lock, 12 Circuits 15µm Gold (Au)

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-171813-0001 \(PDF\)](#)
[Product Specification PS-171813-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-171813-0002 \(PDF\)](#)

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 171813 |
| Application | Power, Signal, Wire-to-Board |
| Overview | KK® Interconnection System |
| Product Name | KK® |
| UPC | 887191429434 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | Yes |
| 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 | 3.893/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| 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) | No |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 7A |
| Voltage - Maximum | 250V |

Solder Process Data

| | |
|--|------------------------------|
| Duration at Max. Process Temperature (seconds) | 30 |
| Lead-free Process Capability | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 3 |
| Process Temperature max. C | 260 |

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[171813Series](#)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing
Test Summary

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

This document was generated on 06/18/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION