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**Part Number:** [171814-0003](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** [KK® RPC 3.96mm Wire-to-Board Right-Angle Header with Friction Lock, 3 Circuits](#)

**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 [171814](#)  
Application [Power, Signal, Wire-to-Board](#)  
Overview [KK® Interconnection System](#)  
Product Name [KK®](#)  
UPC [887191375656](#)

**Physical**

Breakaway [No](#)  
Circuits (Loaded) [3](#)  
Circuits (maximum) [3](#)  
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 [Tin](#)  
Material - Plating Termination [Nickel](#)  
Material - Resin [Nylon](#)  
Net Weight [1.217/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) [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](#)

**Material Info**

**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](mailto: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**  
[171814Series](#)

**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 06/18/2013

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