

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [171814-1012](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: KK® RPC 3.96mm Wire-to-Board Right-Angle 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	171814
Application	Power, Signal, Wire-to-Board
Overview	KK® Interconnection System
Product Name	KK®
UPC	887191429557

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	5.081/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

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
[171814Series](#)

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 06/18/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION