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Part Number: [171813-0008](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 3.96mm Pitch, KK® 396 RPC Wire-to-Board Vertical Header with Friction Lock, Tin (Sn) Plating, Bag, 8 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-171813-0001 \(PDF\)](#)
[Product Specification PS-171813-0002 \(PDF\)](#)
[Test Summary TS-171813-0001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [171813](#)
Application Power, Signal, Wire-to-Board
Overview [KK® Interconnect System - Molex](#)
Product Name KK® 396
UPC 887191375359

Physical

Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Black
Durability (mating cycles max) 25
First Mate / Last Break No
Flammability 94V-1
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 2.572/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) Yes
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



image - Reference only

Series

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](#)

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

Reference - Drawing Numbers

Product Specification	PS-171813-0001, PS-171813-0002
Sales Drawing	SD-171813-0001
Test Summary	TS-171813-0001

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