

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1718141008](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 8 Circuits

Documents:

[3D Model](#) [3D Model \(PDF\)](#)
[Drawing \(PDF\)](#) [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 887191429502

Physical

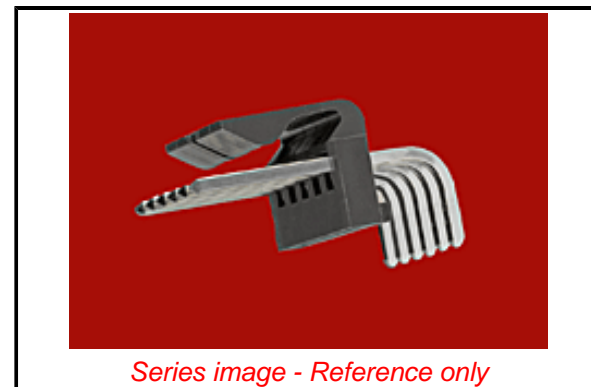
Breakaway No
 Circuits (Loaded) 8
 Circuits (maximum) 8
 Color - Resin Black
 Durability (mating cycles max) 25
 First Mate / Last Break No
 Flammability 94V-1
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Plating Mating Gold
 Material - Plating Termination Nickel
 Material - Resin Nylon
 Net Weight 3.364/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° 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
 Lead-freeProcess Capability SMC&WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[171814 Series](#)

Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

This document was generated on 07/17/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION