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Part Number: [1718143004](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 4 Circuits

Documents:
[3D Model](#) [Packaging Specification PK-171814-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-171813-0001-001 \(PDF\)](#)
[Product Specification PS-171813-0001-001 \(PDF\)](#) [Test Summary TS-171814-0001-001 \(PDF\)](#)
[Product Specification PS-171813-0002-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980
UL E29179

General
Product Family PCB Headers
Series [171814](#)
3D Viewer Yes
Application Power, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC 13.0
Overview [KK® Interconnect System - Molex](#)
PITCH-MATING-NUMERIC 3.96
Product Name KK 396
UPC 887191718231

Physical
Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
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 - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Nickel
Material - Resin High Temperature Thermoplastic
Net Weight 1.651/g
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 3.96mm
Plating min - Mating 1.524µm
Polarized to Mating Part Yes
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40° to +105°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
Halogen-Free Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[171814 Series](#)

Mates With
[2145](#) , [41815](#) , [6442](#) , [2139](#) , [41697](#)

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-171814-0001-001
Product Specification	PS-171813-0001-001, PS-171813-0002-001
Sales Drawing	SD-171814-0001-000, SD-171814-0001-002
Symbol/Footprint Data	SYM-171814-0004
Test Summary	TS-171813-0001-001, TS-171814-0001-001

This document was generated on 10/09/2019

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