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Part Number: [1718133002](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: 3.96mm Pitch, KK® 396 RPC Vertical Header with Friction Lock, Tin (Sn) Plating, Pin Length 17.02mm, Tape and Reel, 2 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-171813-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

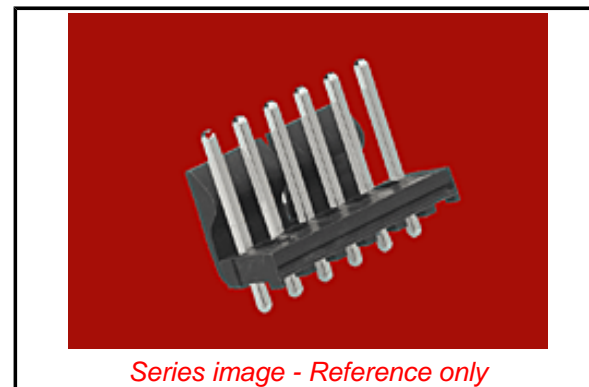
Product Family PCB Headers
 Series [171813](#)
 Application Board-to-Board, Power, Signal, Wire-to-Board
 Comments See Product Specification for maximum current rating by material, AWG, and orientation.

See Product Specification for operating temperature range by material.

Overview [KK® Interconnect System - Molex](#)
 Product Name KK® 396
 UPC 887191517551

Physical

Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 2
 Color - Resin Black
 Durability (mating cycles max) 25
 First Mate / Last Break No
 Flammability 94V-2
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Matte Tin
 Material - Plating Termination Matte Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.580/g
 Number of Rows 1
 Orientation Vertical
 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
 Plating min - Termination 1.524µm
 Polarized to Mating Part Yes
 Robotic Placement Pick and Place Cap
 Shrouded Partial
 Stackable No
 Surface Mount Compatible (SMC) Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[171813 Series](#)

Mates With

2145 , 41815 , 6442 , 2139 , 41695

Temperature Range - Operating -40°C to +105°C, -40°C to +80°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5.0A, 7.0A
Voltage - Maximum 250V

Solder Process Data

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

Material Info

Reference - Drawing Numbers

Packaging Specification PK-171813-0001
Sales Drawing SD-171813-0001

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