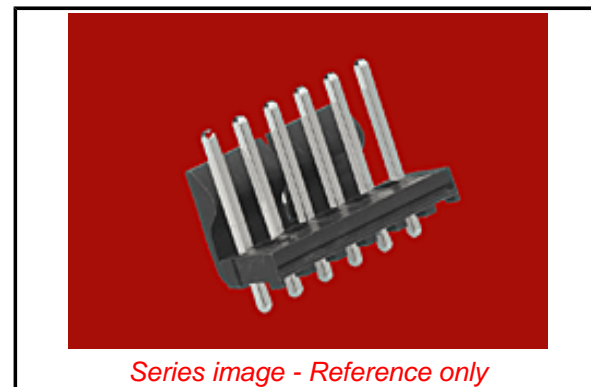


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Part Number: [1718133006](#)
Status: **Active**
Overview: KK® Interconnect System - Molex
Description: 3.96mm Pitch, KK® 396 RPC Vertical Header with Friction Lock, Tin (Sn) Plating, Pin Length 17.02mm, Tape and Reel, 6 Circuits

Documents:

3D Model	Packaging Specification PK-171813-0001 (PDF)
Drawing (PDF)	Test Summary TS-171813-0001 (PDF)
Product Specification PS-171813-0001 (PDF)	Test Summary TS-171813-0002 (PDF)
Product Specification PS-171813-0002 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

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	887191570921

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	1.904/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

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

Stackable	No
Surface Mount Compatible (SMC)	Yes
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
Product Specification	PS-171813-0001, PS-171813-0002
Sales Drawing	SD-171813-0001
Test Summary	TS-171813-0001, TS-171813-0002

This document was generated on 08/18/2016

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