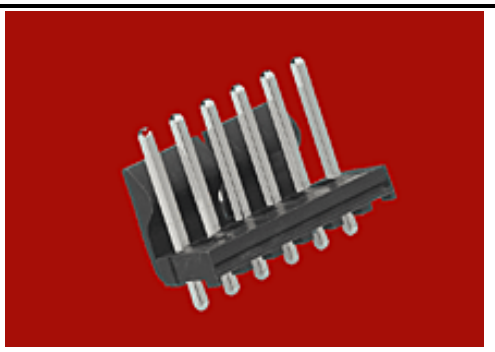
This document was generated on 10/22/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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, without Pegs



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-171813-0001-001 (PDF)
- Product Specification PS-171813-0002-001 (PDF)
- Product Specification TS-171813-0001-001 (PDF)
- Product Specification TS-171813-0002-001 (PDF)
- Packaging Specification PK-171813-0001-000 (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	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-1, 94V-2
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	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 | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ED/61/2018 (27 June 2018)

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
171813 Series

Mates With
2145 , 41815 , 6442 , 2139 , 41695

Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C, -40° 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-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-171813-0001-000
Product Specification	PS-171813-0001-001, PS-171813-0002-001, TS-171813-0001-001, TS-171813-0002-001
Sales Drawing	SD-171813-0001-000, SD-171813-0001-002