

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1718133006

Status:

Active

Overview:

KK Interconnect Systems

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

Documents:	
3D Model	Packaging Specification PK-171813-0001-000 (PDF)
Drawing (PDF)	Test Summary TS-171813-0001-001 (PDF)
3D Model (PDF)	Test Summary TS-171813-0002-001 (PDF)
Product Specification PS-171813-0001-001 (PDF)	Symbol Footprint Data SYM-171813-0006-001 (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	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 Systems
Product Name	KK 396
Taxonomy	PCB Headers and Receptacles
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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 , 3069

Robotic Placement	Pick and Place Cap
Shrouded	Partial
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	
Cross-Plant Material Status	LT
Reference - Drawing Numbers	
Packaging Specification	PK-171813-0001-000
Product Specification	PS-171813-0001-001, PS-171813-0002-001
Sales Drawing	SD-171813-0001-000, SD-171813-0001-002
Symbol/Footprint Data	SYM-171813-0006-001
Test Summary	TS-171813-0001-001, TS-171813-0002-001

This document was generated on 10/10/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION