

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1718131009

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

3.96mm Pitch, KK 396 RPC Vertical Header with Friction Lock, 15µm Gold (Au) Plating, Pin Length 17.02mm, Bag, 9 Circuits, without Pegs

Documents:

3D Model

Drawing (PDF)

Product Specification PS-171813-0001-001 (PDF)

Product Specification PS-171813-0002-001 (PDF)

Packaging Specification PK-41791-001-001 (PDF)

Test Summary TS-171813-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	171813
3D Viewer	Yes
Application	Board-to-Board, Power, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	5.0, 7.0
Comments	See Product Specification for maximum current rating by material, AWG, and orientation. See Product Specification for operating temperature range by material., 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
PITCH-MATING-NUMERIC	3.96
Product Name	KK 396
UPC	887191429304
Physical	
Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.906/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag

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

171813 Series

Mates With

2145 , 41815 , 6442 , 2139 , 41695

Pitch - Mating Interface	3.96mm
Plating min - Mating	0.381μm
Plating min - Termination	1.524μm
Polarized to Mating Part	Yes
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	
Reference - Drawing Numbers	
Packaging Specification	PK-41791-001-001
Product Specification	PS-171813-0001-001, PS-171813-0002-001
Sales Drawing	SD-171813-0001-000, SD-171813-0001-002
Symbol/Footprint Data	SYM-171813-0009
Test Summary	TS-171813-0001-001

This document was generated on 10/10/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[171813-1009](#)