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Part Number: [1718133002](#)
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, 2 Circuits, without Pegs

Documents:

Drawing (PDF)	Packaging Specification PK-171813-0001-000 (PDF)
3D Model	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-171813-0002-001 (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.

Component Type	PCB Header
Overview	KK Interconnect Systems
Product Name	KK 396
Taxonomy	PCB Headers and Receptacles
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-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	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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[171813 Series](#)

Mates With

[2145](#) , [41815](#) , [6442](#) , [2139](#) , [41695](#) , [3069](#)

Polarized to Mating Part	Yes
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-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Cross-Plant Material Status	LT
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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-171813-0002-001
Test Summary	TS-171813-0001-001, TS-171813-0002-001

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