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Part Number: [1718141012](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: 3.96mm Pitch, KK 396 Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 12 Circuits

Documents:

3D Model (PDF)	Packaging Specification PK-41792-002-001 (PDF)
Drawing (PDF)	Test Summary TS-171813-0001-001 (PDF)
3D Model	Symbol Footprint Data SYM-171814-0012-001 (PDF)
Product Specification PS-171813-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-171813-0002-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

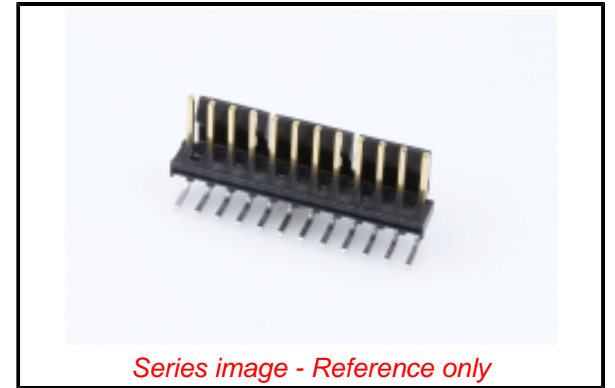
Product Family	PCB Headers
Series	171814
Application	Power, Signal, Wire-to-Board
Overview	KK Interconnect Solutions
Product Name	KK 396
Taxonomy	PCB Headers and Receptacles
UPC	887191429557

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-1
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	5.081/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	3.96mm
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	7.0A
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Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[171814 Series](#)

Mates With

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

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-41792-002-001
Product Specification PS-171813-0001-001, PS-171813-0002-001
Sales Drawing SD-171814-0001-000, SD-171814-0001-002
Symbol/Footprint Data SYM-171814-0012-001
Test Summary TS-171813-0001-001

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