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Part Number: [0417710901](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 396 Header, Vertical, without Peg, 4 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model	Packaging Specification 417710000-PK-000 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-26-60-2040-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-08-50-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	41771
Application	Board-to-Board, Power, Wire-to-Board
Overview	KK Interconnect Solutions
Product Name	KK 396
UPC	822350737104

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Resin	Polyester
Net Weight	1.088/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.56mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	3.96mm
Plating min - Mating	0.381µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	7.0A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not 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

[41771](#) Series

Mates With

[2139](#) KK Crimp Housing, [41695](#) KK Crimp
Housing, [6442](#) KK Crimp Housing, [2145](#)
PCB Connector, [41815](#) PCB Connector,
[3069](#) KK Crimp Housing

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		235

Material Info

Reference - Drawing Numbers

Packaging Specification	417710000-PK-000
Product Specification	PS-08-50-001
Sales Drawing	SD-41771-001-000, SD-41771-001-002
Symbol/Footprint Data	SYM-26-60-2040-001

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