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Part Number: [0026644090](#)
Status: **Active**
Overview: [KK Interconnect Systems](#)
Description: KK 396 Header, Vertical, Friction Lock with Press-fit Plastic Peg PCB, 9 Circuits, Tin (Sn) Plating

Documents:

Drawing (PDF)	Packaging Specification PK-42491-001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-26-64-4090-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-08-50-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	42491
Application	Power, Wire-to-Board
Overview	KK Interconnect Systems
Product Name	KK 396
Taxonomy	PCB Headers and Receptacles
UPC	800753585546

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	3.382/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.56mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	3.96mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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Halogen-Free

Status

Not 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

[42491](#) 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

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	42491-0009
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Reference - Drawing Numbers

Packaging Specification	PK-42491-001-001
Product Specification	PS-08-50-001
Sales Drawing	SD-42491-001-001, SD-42491-001-002
Symbol/Footprint Data	SYM-26-64-4090-001

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