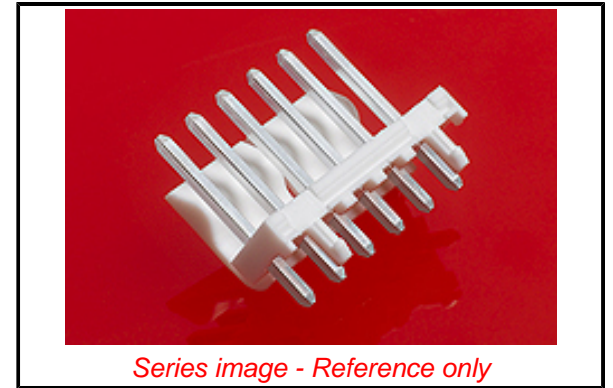


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0424910339](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: [KK 396 Header, Vertical, Friction Lock with Press-fit Plastic Peg PCB, 12 Circuits, 0.76µm Gold \(Au\) Selective Plating](#)

Documents:

3D Model	Packaging Specification PK-42491-001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-26-64-4120 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-08-50-001 (PDF)	



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	42491
Application	Power, Wire-to-Board
Overview	KK Interconnect Solutions
Product Name	KK 396
UPC	800753129689

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	4.492/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	0.762µm
Plating min - Termination	2.540µm
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

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

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

Reference - Drawing Numbers

Packaging Specification	PK-42491-001-001
Product Specification	PS-08-50-001
Sales Drawing	SD-42491-001-002
Symbol/Footprint Data	SYM-26-64-4120

This document was generated on 06/11/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[42491-0339](#)