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Part Number: [0428910130](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 Solid Vertical Header, Friction Lock, with Snap-in Plastic Peg PCB Lock, 12 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model	Packaging Specification PK-42491-001-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-26-60-6120 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-08-50-001 (PDF)	



Series image - Reference only

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	42891
Application	Power, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK 396
UPC	800756510118

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
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
Material - Resin	Polyester
Net Weight	4.554/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
Polarized to Mating Part	No
Polarized to PCB	Yes
Shrouded	No
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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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[42891](#) 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-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-42891-001-002
Symbol/Footprint Data	SYM-26-60-6120

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