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Part Number: [0026654040](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 Header, Vertical, Friction Lock with Press-fit Plastic Peg PCB, 4 Circuits, Gold (Au) Plating

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-08-50-001 \(PDF\)](#)
[Packaging Specification PK-42491-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42491](#)
Application Power, Wire-to-Board
CURRENT-MAX-NUMERIC 7.0
Overview [KK® Interconnect System - Molex](#)
PITCH-MATING-NUMERIC 3.96
Product Name KK 396
UPC 800754383578

Physical

Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
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 Matte Tin
Net Weight 1.508/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 0.508µm
Plating min - Termination 0.508µm
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 -
ED/71/2019 (16 July
2019)

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	42491-0021
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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-26-64-4040

This document was generated on 10/09/2019

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