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Part Number: [0417720473](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 396 Header, Right-Angle, without Peg, 12 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-08-50-001 \(PDF\)](#)
[Packaging Specification 417720000-PK-000 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [41772](#)
Application Board-to-Board, Power, Wire-to-Board
Overview [KK® Interconnect System - Molex](#)
Product Name KK 396
UPC 822348496105

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 None
Material - Metal Brass
Material - Plating Mating Gold
Material - Resin Polyester
Net Weight 4.320/g
Number of Rows 1
Orientation Right Angle
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
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

[41772](#) 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	417720000-PK-000
Product Specification	PS-08-50-001
Sales Drawing	SDA-41772-000, SDA-41772-002

This document was generated on 10/29/2018

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