

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0416720002

Status:

Active

Overview:

[KK Interconnect Systems](#)

Description:

KK 396 Breakaway Header, Right-Angle with Friction Lock, 3 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [3D Model \(PDF\)](#)
- [Product Specification PS-08-50-001 \(PDF\)](#)
- [Packaging Specification PK-41672-001-001 \(PDF\)](#)
- [Symbol Footprint Data SYM-41672-0002-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

Application tooling part link

Application Tooling Part Link

11-20-0901

General

Product Family

PCB Headers

Series

41672

Application

Power, Wire-to-Board

Component Type

PCB Header

Overview

[KK Interconnect Systems](#)

Product Name

KK 396

Taxonomy

PCB Headers and Receptacles

UPC

800756592305

Physical

Breakaway

Yes

Circuits (Loaded)

3

Circuits (maximum)

3

Color - Resin

Black

Durability (mating cycles max)

50

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

1.272/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

5.38mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

3.96mm

Plating min - Mating

0.381µm

Plating min - Termination

2.540µm

Polarized to Mating Part

No

Polarized to PCB

Yes

Shrouded

No

Stackable

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[41672](#) 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

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
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-41672-B03A208
Reference - Drawing Numbers	
Packaging Specification	PK-41672-001-001
Product Specification	PS-08-50-001
Sales Drawing	SD-41672-001-001
Symbol/Footprint Data	SYM-41672-0002-001

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