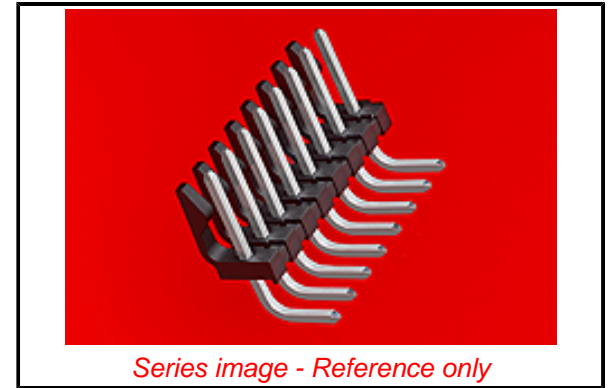


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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	Packaging Specification PK-41672-001-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-41672-0002-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-08-50-001 (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
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
Temperature Range - Operating	See Product Specification

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

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

This document was generated on 10/12/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION