

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0417910839](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK 396 Header, Vertical, Friction Lock, 9 Circuits, 0.38µm Gold \(Au\) Selective Plating](#)

Documents:

3D Model	Product Specification PS-08-50-001 (PDF)
Drawing (PDF)	Packaging Specification PK-41791-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	41791
Application	Power, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK 396
UPC	800756508498

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Natural
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 - Resin	Polyester
Net Weight	3.357/g
Number of Rows	1
Orientation	Vertical
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
Lead-freeProcess Capability	WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[41791](#) 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

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-41791-001-001
Product Specification	PS-08-50-001
Sales Drawing	SDA-41791-000, SDA-41791-002

This document was generated on 02/20/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION