

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0026481085](#)  
**Status:** **Active**  
**Overview:** [KK Interconnect Systems](#)  
**Description:** [KK 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 8 Circuits, Tin \(Sn\) Plating](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-41671-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Symbol Footprint Data SYM-41671-0007-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-08-50-001 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	11-20-0901
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**General**

Product Family	PCB Headers
Series	<a href="#">41671</a>
Application	Power, Wire-to-Board
Component Type	PCB Header
Overview	<a href="#">KK Interconnect Systems</a>
Product Name	KK 396
Taxonomy	PCB Headers and Receptacles
UPC	800753586550

**Physical**

Breakaway	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.600/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	4.37mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial

**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**

[41671](#) 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

Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
<b>Material Info</b>	
Engineering Number	A-41671-C08A197
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-41671-001-001
Product Specification	PS-08-50-001
Sales Drawing	SD-41671-001-001, SD-41671-001-002
Symbol/Footprint Data	SYM-41671-0007-001

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