



Part Number : [09483066](#)
Product Description : KK 396 PC Board Connector,
Top Entry, with Ramp, Brass, 3.05mm Tail Length,
0.38µm Gold (Au) Selective Plating, 6 Circuits
Series Number : 41815
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Part Number : A-41815-0471



Documents and Resources

Drawings

[009483066 sd.pdf](#)
[PK-41815-001-000.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)
[Symbol and Footprint \(Multi-Format\)](#)
[SYM-09-48-4068-001.zip](#)

Specifications

[PS-08-50-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	41815
Description	KK 396 PC Board Connector, Top Entry, with Ramp, Brass, 3.05mm Tail Length, 0.38µm Gold (Au) Selective Plating, 6 Circuits
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Product Name	KK 396
UPC	800754903578

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	4.5A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
First Mate / Last Break	No
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	2.034/g
Number of Rows	1
Orientation	Top Entry
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.05mm
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to PCB	No
Temperature Range - Operating	-40° to +80°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 396 Vertical Breakaway Headers	<u>41661</u>
KK 396 Right-Angle Breakaway Headers	<u>41662</u>
KK 396 Vertical Square Pin Breakaway Headers	<u>41671</u>
KK 396 Right-Angle Friction Lock Breakaway Headers	<u>41672</u>
KK 396 Vertical Headers without Peg	<u>41771</u>
KK 396 Right-Angle Headers without Peg	<u>41772</u>
KK 396 Vertical Headers with Friction Lock	<u>41791</u>
KK 396 Right-Angle Headers with Friction Lock	<u>41792</u>
KK 396 Vertical Headers with Friction Lock	<u>42491</u>
KK 396 Right-Angle Headers with Friction Lock	<u>42492</u>
KK 396 Solid Vertical Headers with Friction Lock	<u>42891</u>

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