



**Part Number :** [09484128](#)

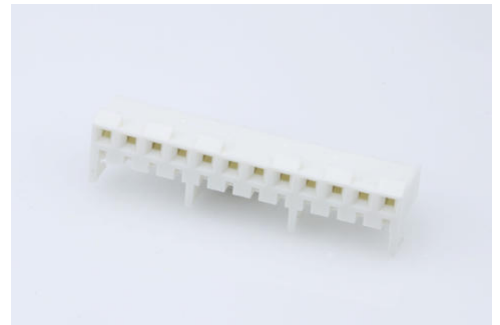
**Product Description :** KK 396 PC Board Connector, Top Entry, Polyester Connector, 5.00µm Tin (Sn), 12 Circuits

**Series Number :** 41815

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Number :** A-41815-0068



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## Documents & Resources

### Drawings

[009484128\\_sd.pdf](#)

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

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[SYM-09-48-4128-001.zip](#)


### Specifications

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

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## 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)4165-DC (25 June 2025)
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

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	41815
Description	KK 396 PC Board Connector, Top Entry, Polyester Connector, 5.00µm Tin (Sn), 12 Circuits
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Product Name	KK 396
UPC	800754904513

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	250V

### Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	4.000/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
PC Tail Length	3.05mm
Pitch - Mating Interface	3.96mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Temperature Range - Operating	See Product Specification
Termination Interface Style	Through Hole

### Solder Process Data

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

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### 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>