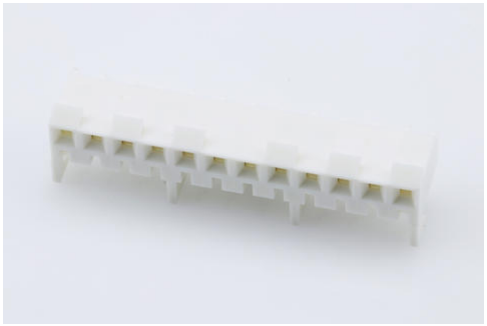


Part Number : 09481124
Product Description : KK 396 PC Board Connector, Right-Angle, with Ramp, Phosphor Bronze, 3.68mm Tail Length, 1.52µm Matte Tin (Sn) Plating, 12 Circuits
Series Number : 41815
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Part Number : A-41815-0012

Documents and Resources

Drawings

009481124_sd.pdf

PK-41815-001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-09-48-1124-001.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

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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, Right-Angle, with Ramp, Phosphor Bronze, 3.68mm Tail Length, 1.52µm Matte Tin (Sn) Plating, 12 Circuits
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Product Name	KK 396
UPC	800754902151

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	600V AC (RMS)/DC

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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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Polyester
Net Weight	4.000/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.68mm
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Plating min - Mating	1.520µm
Plating min - Termination	1.520µm
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°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

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Mates with Part(s)

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

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