



Part Number : [09484109](#)
Product Description : KK 396 PC Board Connector, Bottom Entry, Polyester Connector, 5.00µm Tin (Sn), 10 Circuits
Series Number : 41815
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A-41815-0038



Documents & Resources

Drawings
[Drawing 009484109_sd.pdf](#)
[Packaging Design Drawing PK-41815-001-000.pdf](#)

3D Models and Design Files
[3D Model 009484109_stp.zip](#)
[Symbol Footprint Data SYM-0948-4109-001.zip](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	41815
Description	KK 396 PC Board Connector, Bottom Entry, Polyester Connector, 5.00µm Tin (Sn), 10 Circuits
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Product Family	KK Interconnect Systems
Product Name	KK 396
UPC	800754904414

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
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	3.200/g
Number of Rows	1
Orientation	Bottom Entry
Packaging Type	Tray
PC Tail Length	3.18mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
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

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>