Part Number : 09483105
Product Description : KK 396 PC Board Connector, Right-Angle, Polyester Connector, Gold (Au) Selective, 10 Circuits
Series Number : 41815
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A-41815-0433



Documents & Resources

Drawings

009483105_sd.pdf

PK-41815-001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-09-48-1104-001.zip

Specifications

PS-08-50-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	41815
Description	KK 396 PC Board Connector, Right-Angle, Polyester Connector, Gold (Au) Selective, 10 Circuits
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Product Name	KK 396
UPC	800754903691

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
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	3.257/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PC Tail Length	3.68mm
Pitch - Mating Interface	3.96mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
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	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