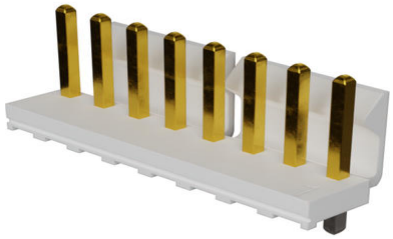
Part Number : 417910838
Product Description : KK 396 Header, Vertical, Friction Lock, 8 Circuits, 0.38µm Gold (Au) Selective Plating
Series Number : 41791
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

417910838_sd.pdf

PK-41791-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

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

Downloaded from Arrow.com.

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	41791
Description	KK 396 Header, Vertical, Friction Lock, 8 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Wire-to-Board
Component Type	PCB Header
Product Name	KK 396
UPC	800753319738

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	7.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8

Downloaded from Arrow.com.

Color - Resin	Natural
Durability (mating cycles max)	25
First Mate / Last Break	No
Gender	Male
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Mounting Style	Through Hole
Net Weight	2.984/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.56mm
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partially Shrouded
Stackable	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

Downloaded from Arrow.com.

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 3.96mm Single Row Crimp Housings	2139
KK 3.96mm Single Row Crimp Housings	3069
KK 3.96mm Crimp Housings	41695
KK 396 PC Board Connector	41815
KK 3.96mm Pitch Single Row Crimp Housings	6442

Downloaded from Arrow.com.