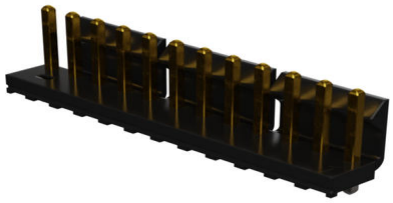
Part Number : 1718131012
Product Description : KK 396 RPC Vertical Header, 3.96mm Pitch, Friction Lock, 0.38µm Gold (Au) Plating, 17.02mm Mating Pin Length, 2.37mm Tail Length, Bag, 12 Circuits
Series Number : 171813
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

1718131012_sd.pdf

PK-41791-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-171813-0012-001.zip

Specifications

PS-171813-0001-001.pdf

PS-171813-0002-001.pdf

TS-171813-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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

Downloaded from Arrow.com.

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	171813
Description	KK 396 RPC Vertical Header, 3.96mm Pitch, Friction Lock, 0.38µm Gold (Au) Plating, 17.02mm Mating Pin Length, 2.37mm Tail Length, Bag, 12 Circuits
Application	Board-to-Board, Wire-to-Board
Comments	See Product Specification for maximum current rating by material, AWG, and orientation; See Product Specification for operating temperature range by material.
Component Type	PCB Header
Product Name	KK 396
UPC	887191429434

Agency

CSA	LR19980

Downloaded from Arrow.com.

UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-2
Gender	Male
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Mounting Style	Through Hole
Net Weight	3.893/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.37mm
Pitch - Mating Interface	3.96mm
Pitch - Termination Interface	3.96mm
Plating min - Mating	0.381µm

Downloaded from Arrow.com.

Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partially Shrouded
Stackable	Yes
Temperature Range - Operating	-40° to +80°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

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.