



**Part Number :** [38006293](#)  
**Product Description :** KK 254 Header, Vertical,  
with Friction Lock, 3 Circuits, Tin (Sn)  
**Series Number :** 6410  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles  
**Engineering Number :** AE-6410-03C(197)



## Documents & Resources


**Drawings**  
[038006293\\_sd.pdf](#)  
[PK-6410-002-001.pdf](#)

**3D Models and Design Files**  
[038006293\\_stp.zip](#)  
[SYM-22-27-2031-001.zip](#)

**Specifications**  
[PS-99020-0088-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	6410
Description	KK 254 Header, Vertical, with Friction Lock, 3 Circuits, Tin (Sn)
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	KK 254
UPC	756054856871

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	500V

#### Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural (White)
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0

Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.480/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	10.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	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

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#### Mates With / Use With

## Mates with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	<u>2695</u>

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This document was generated on Apr 24, 2025