

**Part Number :** [470531000](#)

**Product Description :** KK 254 Vertical Header, with Friction Lock, 4 Circuits, 3.50mm PC Tail Length, Bag

**Series Number :** 47053

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[470531000\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications


[470530000-PK-000.pdf](#)

[PS-47053-001-001.pdf](#)

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## 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

### [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

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	47053
Description	KK 254 Vertical Header, with Friction Lock, 4 Circuits, 3.50mm PC Tail Length, Bag
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	KK 254
UPC	822348238002

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4

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	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	0.386/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.50mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Unshrouded
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>
KK 254 Housings with Polarization Rib	<u>47054</u>

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