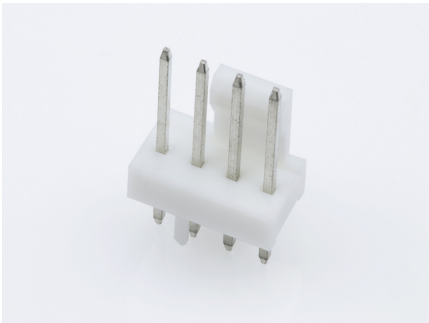




**Part Number :** [470531000](#)  
**Product Description :** KK 254 Vertical Header,  
with Friction Lock, 4 Circuits, PC Tail Length  
3.50mm, Bag  
**Series Number :** 47053  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles



## Documents & Resources


**Drawings**  
[470531000\\_sd.pdf](#)

**3D Models and Design Files**  
[470531000\\_stp.zip](#)

**Specifications**  
[470530000-PK-000.pdf](#)  
[PS-47053-001-001.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)4144-DC (27 June 2024)
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	47053
Description	KK 254 Vertical Header, with Friction Lock, 4 Circuits, PC Tail Length 3.50mm, 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	None

Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Copper
Material - Resin	Nylon
Net Weight	0.386/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	3.50mm
PCB Locator	Yes
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	Yes
Shrouded	No
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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