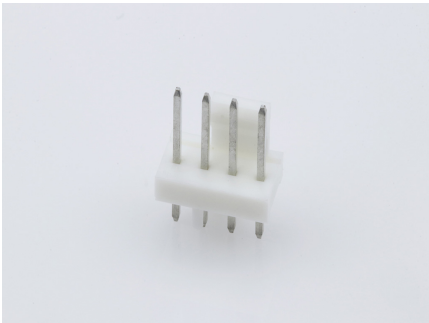




Part Number : [470533000](#)
Product Description : KK 254 Vertical Header, with Friction Lock, 4 Circuits, 4.00mm PC Tail Length, Bag
Series Number : 47053
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[470533000_sd.pdf](#)

3D Models and Design Files
[470533000_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)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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	47053
Description	KK 254 Vertical Header, with Friction Lock, 4 Circuits, 4.00mm PC Tail Length, Bag
Application	Signal, Wire-to-Board
Comments	Overall Pin Length: 14.00mm
Component Type	PCB Header
Product Name	KK 254
UPC	883906118686

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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	0.394/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	4.00mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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	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

Mates With / Use With

Mates with Part(s)

Description	Part Number
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KK 254 Single Row Crimp Housings	<u>2695</u>
KK 254 Housings with Polarization Rib	<u>47054</u>

This document was generated on Apr 21, 2025