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**Part Number:** **0470531000**  
**Status:** **Active**  
**Overview:** KK® Interconnect System - Molex  
**Description:** KK® 254 Vertical Header, with Friction Lock, 4 Circuits, PC Tail Length: 3.50mm

**Documents:**

3D Model Product Specification PS-47053-001 (PDF)  
Drawing (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification**

UL E29179

**General**

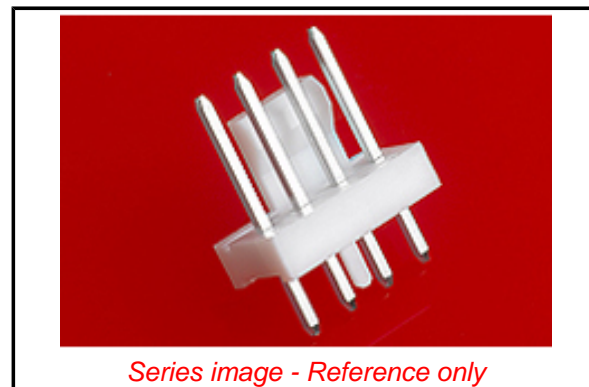
Product Family PCB Headers  
Series 47053  
Application Signal, Wire-to-Board  
Overview KK® Interconnect System - Molex  
Product Name KK® 254  
UPC 822348238002

**Physical**

Breakaway No  
Circuits (Loaded) 4  
Circuits (maximum) 4  
Durability (mating cycles max) 25  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant 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  
Net Weight 0.386/g  
Number of Rows 1  
Orientation Vertical  
PC Tail Length 3.50mm  
PCB Locator Yes  
PCB Retention None  
PCB Thickness - Recommended 1.60mm  
Packaging Type Bag  
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  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating See Product Specification  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 4.0A  
Voltage - Maximum 250V



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

47053 Series

**Mates With**

2.54mm Pitch KK® Crimp Housing 47054 , 2695

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-47053-001
Sales Drawing	SD-47053-001

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