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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-47053-001-001 (PDF)
Drawing (PDF) RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

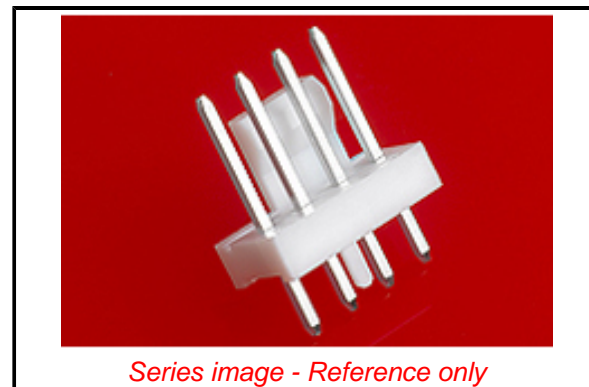
Product Family PCB Headers
Series 47053
Application Signal, Wire-to-Board
Overview KK® Interconnect System - Molex
Product Name KK® 254
UPC 822348238002

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

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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-47053-001-001
Sales Drawing	SD-47053-001-000

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