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Part Number: [0022284136](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Vertical, 13 Circuits, 0.76µm Gold (Au) Selective Plating, Mating Pin Length 6.09mm

Documents:

3D Model	Product Specification PS-10-07-001 (PDF)
3D Model (PDF)	Packaging Specification PK-40873-0041-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

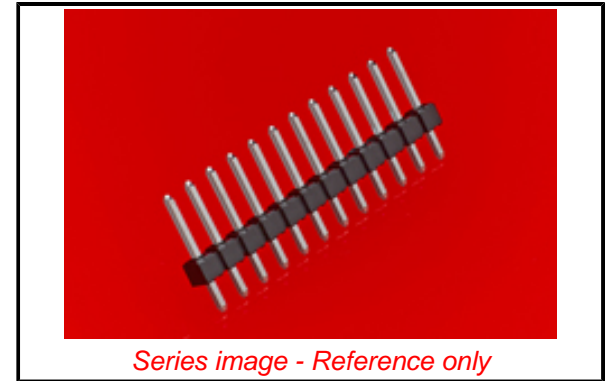
Product Family	PCB Headers
Series	42375
Application	Board-to-Board, Signal, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	800753831759

Physical

Breakaway	Yes
Circuits (Loaded)	13
Circuits (maximum)	13
Color - Resin	Black
Durability (mating cycles max)	100
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	None
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.888/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.18mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42375](#) Series

Mates With

KK Crimp Housing [2695](#) , [6471](#) , [7880](#) , KK
PC Board Connector [4455](#)

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	260

Material Info

Engineering Number	42375-0083
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Reference - Drawing Numbers

Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42375-001-001, SD-42375-001-002

This document was generated on 08/26/2020

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