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Part Number: [0022284183](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Vertical, 18 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 6.09mm

Documents:

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42375](#)
3D Viewer Yes
Application Board-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC 4.0
Overview [KK® Interconnect System - Molex](#)
PITCH-MATING-NUMERIC 2.54
Product Name KK 254
UPC 800753833678

Physical

Breakaway Yes
Circuits (Loaded) 18
Circuits (maximum) 18
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 - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 1.098/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
Plating min - Mating 0.381µm
Plating min - Termination 2.540µm
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[42375](#) Series

Mates With

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

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
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Engineering Number	42375-0053
Reference - Drawing Numbers	
Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42375-001

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