

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022284066

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, 6 Circuits, 0.76µm Gold (Au) Selective Plating, Mating Pin Length 6.09mm

Documents:

3D Model

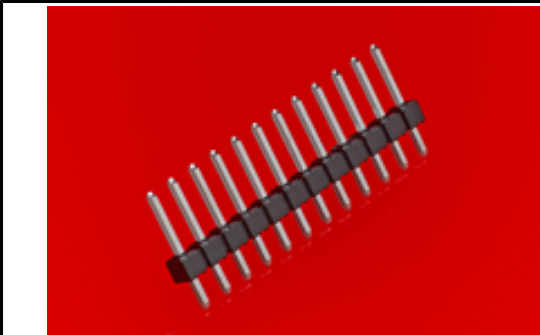
Drawing (PDF)

Product Specification PS-10-07-001 (PDF)

Packaging Specification PK-40873-0041-001 (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	800754386661	
Physical		
Breakaway	Yes	
Circuits (Loaded)	6	
Circuits (maximum)	6	
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	0.367/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	0.762µm	
Plating min - Termination	2.540µm	
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	



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
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](#)

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	42375-0076
--------------------	------------

Reference - Drawing Numbers

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

This document was generated on 10/10/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION