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Part Number:

0022285073

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, 7 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 6.09mm, with Kinked PC Tails

Documents:

3D Model

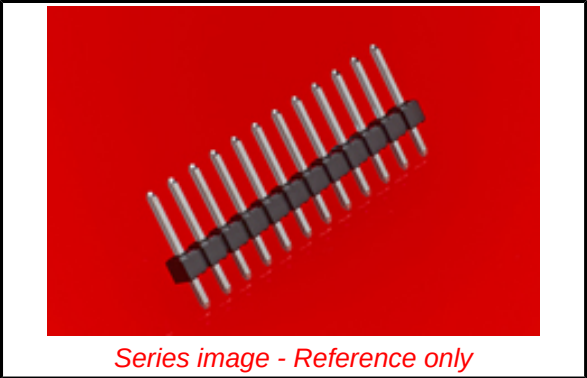
Drawing (PDF)

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
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		800753793736
Physical		
Breakaway		Yes
Circuits (Loaded)		7
Circuits (maximum)		7
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		0.438/g
Number of Rows		1
Orientation		Vertical
PC Tail Length		3.43mm
PCB Locator		No
PCB Retention		Yes
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



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	42375-0357
Reference - Drawing Numbers	
Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42375-001

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Molex:

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