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Part Number: [0022233064](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Solid Header, Vertical, with Staggered Tail, 6 Circuits

Documents:
[3D Model](#) [Packaging Specification PK-43009-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		42009
Application		Signal, Wire-to-Board
Overview		KK® Interconnect System - Molex
Product Name		KK 254
UPC		800754206693

Physical		
Breakaway		No
Circuits (Loaded)		6
Circuits (maximum)		6
Color - Resin		Natural
Durability (mating cycles max)		25
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		Yes
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		Polyester
Net Weight		0.807/g
Number of Rows		1
Orientation		Vertical
PC Tail Length		3.30mm
PCB Locator		No
PCB Retention		Yes
PCB Thickness - Recommended		1.60mm
Packaging Type		Bag
Pitch - Mating Interface		2.54mm
Plating min - Mating		5.080µm
Plating min - Termination		5.080µm
Polarized to Mating Part		Yes
Polarized to PCB		No
Shrouded		Partial
Stackable		No
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



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per -ED/88/2018 (15 January 2019) Halogen-Free Status Not Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[42009 Series](#)

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

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-42009-06
Reference - Drawing Numbers	
Packaging Specification	PK-43009-001
Sales Drawing	SDA-42009-X

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