

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022102051

Status:

Active

Overview:

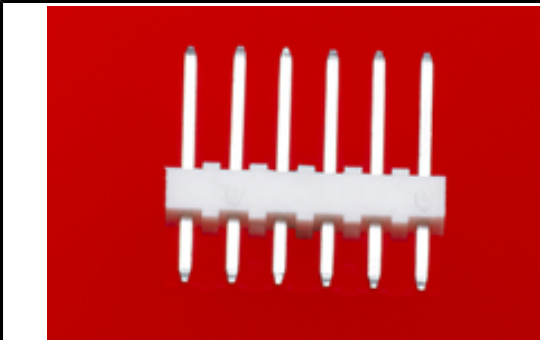
KK® Interconnect System - Molex

Description:

KK® 254 Wire-to-Board Header, Single Row, Vertical, 5 Circuits, PA Polyamide Nylon, Gold (Au) Plating

Documents:	
3D Model	Packaging Specification PK-4030-001 (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	4030
Application	Board-to-Board, Signal, Wire-to-Board
Overview	KK® Interconnect System - Molex
Product Name	KK® 254
UPC	800753738539
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural (White)
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.333/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.508µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	4.0A



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/21/2016 (20 June 2016)	
Halogen-Free Status	
Low-Halogen	
Need more information on product environmental compliance?	
Email productcompliance@molex.com	
Please visit the Contact Us section for any non-product compliance questions.	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[4030](#) Series

Mates With

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

Voltage - Maximum	250V
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	235
Material Info	
Engineering Number	A-4030-05A241
Reference - Drawing Numbers	
Packaging Specification	PK-4030-001
Product Specification	PS-10-07-001
Sales Drawing	SD-4030-0001

This document was generated on 11/17/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION