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Part Number: [0038007222](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Wire-to-Board Header, Vertical Square Pin, 3 Circuits, Circuit 2 Voided

Documents:
[3D Model](#) [Product Specification PS-99020-0088-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-6410-002-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-10-07-001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [6410](#)
Application Board-to-Board, Signal
Overview [KK® Interconnect System - Molex](#)
Product Name KK 254
UPC 756054523162

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 3
Color - Resin Natural (White)
Durability (mating cycles max) 25
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 Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 0.358/g
Number of Rows 1
Orientation Vertical
PC Tail Length 3.53mm
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 5.080µm
Plating min - Termination 5.080µm
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable Yes
Surface Mount Compatible (SMC) No
Temperature Range - Operating See Product Specification



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

**Halogen-Free
Status**

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

[6410](#) Series

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.5A, 3.75A, 3.0A, 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	235
Material Info	
Engineering Number	AE-6410-3A(197)-2
Reference - Drawing Numbers	
Packaging Specification	PK-6410-002-001
Product Specification	PS-10-07-001, PS-99020-0088-001
Sales Drawing	SDAE-6410-N-000

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