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Part Number: [0456610003](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 PCB Solid Header, Vertical, with Friction Lock, 3 Circuits, 5.00µm Tin (Sn) Plating, Lead-Free

Documents:

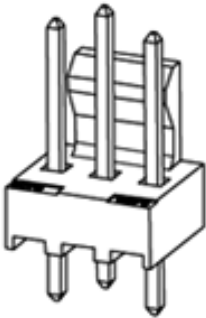
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General
Product Family PCB Headers
Series [45661](#)
Application Signal, Wire-to-Board
Overview [KK® Interconnect System - Molex](#)
Product Name KK 254
UPC 822348277698

Physical
Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
Circuits Detail Circuit 2 with longer pins
Color - Resin White
Durability (mating cycles max) 25
First Mate / Last Break Yes
Glow-Wire Capable No
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Nickel
Material - Resin Nylon
Net Weight 0.334/g
Number of Rows 1
Orientation Vertical
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 1.270µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Partial
Stackable Yes
Temperature Range - Operating See Product Specification
Termination Interface: Style Through Hole

Electrical
Current - Maximum per Contact 4.0A
Voltage - Maximum 250V

Solder Process Data
Duration at Max. Process Temperature (seconds) 005
Lead-freeProcess Capability WAVE
Max. Cycles at Max. Process Temperature 001



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	
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
[45661](#) Series

Process Temperature max. C

235

Material Info

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Molex:

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