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Part Number: [0022281020](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Right-Angle with Friction Lock, 2 Circuits, Tin (Sn) Plating

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [42228](#)
Application Signal, Wire-to-Board
Application Tooling Part Link 11-20-1230
Overview [KK® Interconnect System - Molex](#)
Product Name KK 254
UPC 800754384339

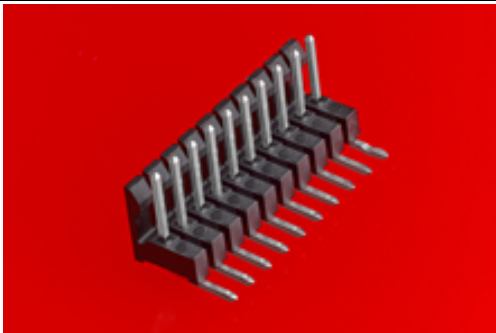
Physical

Breakaway Yes
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 0.369/g
Number of Rows 1
Orientation Right Angle
PC Tail Length 3.05mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.54mm
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

**Halogen-Free
Status**

Not 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

[42228](#) Series

Mates With

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

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	42228-0002
Reference - Drawing Numbers	
Product Specification	PS-10-07-001
Sales Drawing	SD-42228-001, SD-42228-001-002

This document was generated on 11/09/2017

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