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Part Number: [0022281206](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Right-Angle with Friction Lock, 20 Circuits, Tin (Sn) Plating, with Backwalls Removed

Documents:

3D Model	Product Specification PS-10-07-001 (PDF)
Drawing (PDF)	Packaging Specification PK-40873-0056-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	11-20-1230
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General

Product Family	PCB Headers
Series	42228
Application	Signal, Wire-to-Board
Comments	Backwalls Removed, Backwalls Removed
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	800753803121

Physical

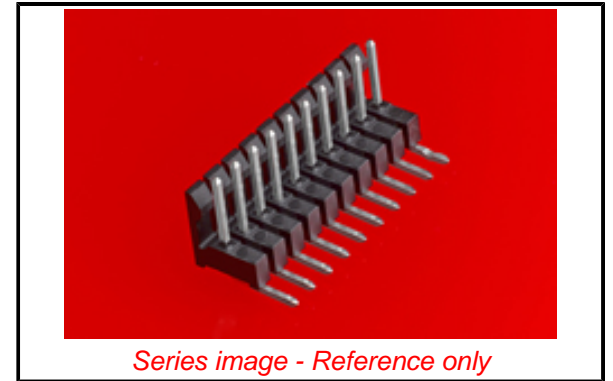
Breakaway	Yes
Circuits (Loaded)	20
Circuits (maximum)	20
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Net Weight	4.159/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
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
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42228](#) Series

Mates With

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

Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	42228-0230
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Reference - Drawing Numbers

Packaging Specification	PK-40873-0056-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42228-002-001

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