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Part Number: [0022281043](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Right-Angle with Friction Lock, 4 Circuits, Tin (Sn) Plating. with Kinked PC Tails

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

Agency Certification
CSA LR19980
UL E29179

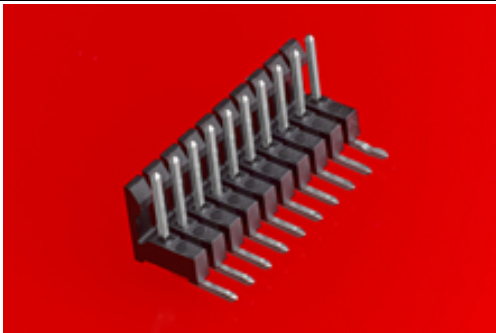
Application tooling part link
Application Tooling Part Link 11-20-1230

General
Product Family PCB Headers
Series [42228](#)
Application Signal, Wire-to-Board
Overview [KK® Interconnect System - Molex](#)
Product Name KK 254
UPC 800753800113

Physical
Breakaway Yes
Circuits (Loaded) 4
Circuits (maximum) 4
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Capable No
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 0.582/g
Number of Rows 1
Orientation Right Angle
PC Tail Length 3.05mm
PCB Locator No
PCB Retention Yes
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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China 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 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](#)

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		235
Material Info		
Engineering Number		A-42228-0109
Reference - Drawing Numbers		
Product Specification		PS-10-07-001
Sales Drawing		SD-42228-001-001

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