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Part Number: [0022285170](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Vertical, 17 Circuits, Tin (Sn) Plating, Mating Pin Length 6.09mm, with Kinked PC Tails

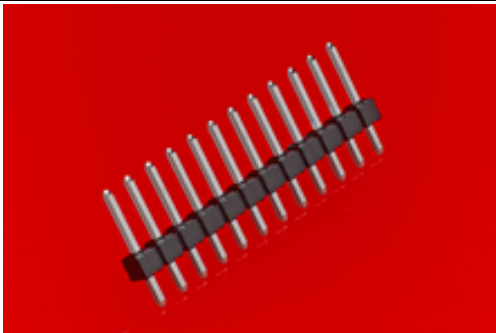
Documents:
[3D Model](#) [Product Specification PS-10-07-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-40873-0041-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980
UL E29179

General
Product Family PCB Headers
Series [42375](#)
Application Board-to-Board, Signal, Wire-to-Board
Overview [KK® Interconnect System - Molex](#)
Product Name KK 254
UPC 800753796126

Physical
Breakaway Yes
Circuits (Loaded) 17
Circuits (maximum) 17
Color - Resin Black
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 - Plating Mating Tin
Material - Resin High Temperature Thermoplastic
Net Weight 1.073/g
Number of Rows 1
Orientation Vertical
PC Tail Length 3.43mm
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.54mm
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating See Product Specification
Termination Interface: Style Through Hole

Electrical
Current - Maximum per Contact 4.0A
Voltage - Maximum 500V



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
[42375](#) Series

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

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	42375-0332
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Reference - Drawing Numbers

Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42375-001

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