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Part Number: [0022288034](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Right-Angle Surface Mount Compatible, 3 Circuits, 0.76µm Gold (Au) Selective Plating, Mating Pin Length 6.20mm

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

Application tooling part link

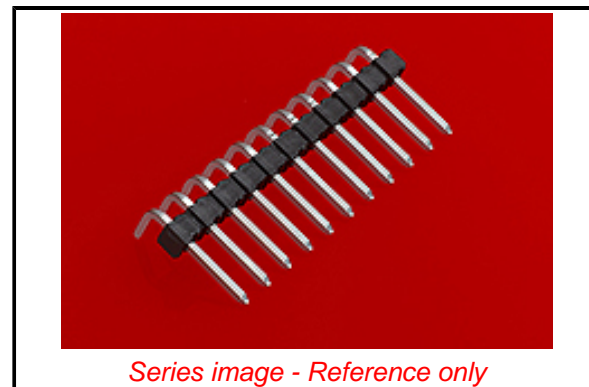
Application Tooling Part Link 11-20-1230

General

Product Family PCB Headers
 Series [42377](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK 254
 UPC 800753810129

Physical

Breakaway Yes
 Circuits (Loaded) 3
 Circuits (maximum) 3
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.210/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 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Partial
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

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

[42377](#) Series

Mates With

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

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-free Process Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 235

Material Info

Engineering Number 42377-0283

Reference - Drawing Numbers

Packaging Specification PK-40873-0041-001
Product Specification PS-10-07-001
Sales Drawing SD-42377-001-000, SD-42377-001-002

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