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Part Number:

0022286120

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Right-Angle, 12 Circuits, Tin (Sn) Plating, Mating Pin Length 9.17mm (.361")

Documents:

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

Agency Certification

CSA

UL

LR19980

E29179

Application tooling part link

Application Tooling Part Link

11-20-1230

General

Product Family

Series

3D Viewer

Application

CURRENT-MAX-NUMERIC

Overview

PITCH-MATING-NUMERIC

Product Name

UPC

PCB Headers

42376

Yes

Board-to-Board, Signal, Wire-to-Board

4.0

KK® Interconnect System - Molex

2.54

KK 254

800753801172

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Yes

12

12

Black

25

94V-0

No

Brass

Tin

Tin

High Temperature Thermoplastic

0.888/g

1

Right Angle

3.05mm

No

None

1.60mm

Bag

2.54mm

2.540µm

2.540µm

No

No

No

No

No

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
ED/71/2019 (16 July  
2019)

Halogen-Free

Status

Not Low-Halogen

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

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

42376 Series

Mates With

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

|                                                |                           |
|------------------------------------------------|---------------------------|
| Temperature Range - Operating                  | See Product Specification |
| Termination Interface: Style                   | Through Hole              |
| <b>Electrical</b>                              |                           |
| Current - Maximum per Contact                  | 4.0A                      |
| Voltage - Maximum                              | 500V                      |
| <b>Solder Process Data</b>                     |                           |
| Duration at Max. Process Temperature (seconds) | 005                       |
| Lead-freeProcess Capability                    | WAVE                      |
| Max. Cycles at Max. Process Temperature        | 001                       |
| Process Temperature max. C                     | 235                       |
| <b>Material Info</b>                           |                           |
| Engineering Number                             | 42376-0012                |
| <b>Reference - Drawing Numbers</b>             |                           |
| Packaging Specification                        | PK-40873-0041-001         |
| Product Specification                          | PS-10-07-001              |
| Sales Drawing                                  | SD-42376-001-002          |
| Symbol/Footprint Data                          | SYM-22-28-6123            |

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Molex:

[22-28-6120](#)