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Part Number:

0022032021

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Wire-to-Board Header, Single Row, Vertical, 2 Circuits, PA Polyamide Nylon, Tin (Sn) Plating

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-10-07-001 \(PDF\)](#)
- [Packaging Specification PK-4030-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

4030

Application

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

Overview

KK® Interconnect System - Molex

Product Name

KK 254

UPC

800753591837

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

Color - Resin

Natural (White)

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.139/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.43mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

5.080µm

Polarized to Mating Part

No

Polarized to PCB

No

Shrouded

No

Stackable

Yes

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

4.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/61/2018 (27 June  
2018)

Halogen-Free

Status

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

4030 Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

|                                                |                  |
|------------------------------------------------|------------------|
| 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                             | A-4030-02A197    |
| <b>Reference - Drawing Numbers</b>             |                  |
| Packaging Specification                        | PK-4030-001      |
| Product Specification                          | PS-10-07-001     |
| Sales Drawing                                  | SD-4030-0001-001 |

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