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Part Number:

0022032151

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Wire-to-Board Header, Single Row, Vertical, 15 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

800753735538

Physical

Breakaway

No

Circuits (Loaded)

15

Circuits (maximum)

15

Color - Resin

Natural (White)

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

1.030/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/30/2017 (7 July  
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

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-4030-15A197 |
| <b>Reference - Drawing Numbers</b>             |               |
| Packaging Specification                        | PK-4030-001   |
| Product Specification                          | PS-10-07-001  |
| Sales Drawing                                  | SD-4030-0001  |

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