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Part Number:

0022102051

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Wire-to-Board Header, Single Row, Vertical, 5 Circuits, PA Polyamide Nylon, Gold (Au) Plating

Documents:

- 3D Model

Packaging Specification PK-4030-001 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-10-07 (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

800753738539

Physical

Breakaway

No

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Natural (White)

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.333/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

0.508µm

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/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

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

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

4030 Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

Voltage - Maximum	250V
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	
Old Part Number	A-4030-05A241
Reference - Drawing Numbers	
Packaging Specification	PK-4030-001
Product Specification	PS-10-07
Sales Drawing	SD-4030-0001

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