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Part Number:

0022233054

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Solid Header, Vertical, with Staggered Tail, 5 Circuits

Documents:

3D Model

Packaging Specification PK-43009-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

42009

Application

Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK 254

UPC

800754206655

Physical

Breakaway

No

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Natural

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

Yes

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

0.668/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.30mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

5.080µm

Plating min - Termination

5.080µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Partial

Stackable

No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

4.0A

Voltage - Maximum

500V

Solder Process Data

Duration at Max. Process Temperature (seconds)

005

Lead-freeProcess Capability

WAVE



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

Not 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

42009 Series

Mates With

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

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-42009-05
Reference - Drawing Numbers	
Packaging Specification	PK-43009-001
Sales Drawing	SDA-42009-*

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