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Part Number:

0022235101

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Solid Header, Vertical, 10 Circuits, with Kinked PC Tails

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

43009

Application

Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

800753846388

Physical

Breakaway

No

Circuits (Loaded)

10

Circuits (maximum)

10

Color - Resin

Natural

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

1.353/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.56mm

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

No

Polarized to PCB

No

Shrouded

No

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/30/2017 (7 July

2017)

Halogen-Free

Status

Not 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

RoHS Phthalates

Not Contained

Search Parts in this Series

43009 Series

Mates With

KK® Crimp Housing [2695](#) , [6471](#) , [7880](#) ,

KK® PC Board Connector [4455](#)

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		235
Material Info		
Engineering Number		A-43009-0019
Reference - Drawing Numbers		
Packaging Specification		PK-43009-001
Sales Drawing		SDA-43009

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