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Part Number:

0022284103

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, 10 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model

Packaging Specification PK-40873-0041-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-10-07-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

42375

Application

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

Overview

KK® Interconnect System - Molex

Product Name

KK 254

UPC

800754386920

Physical

Breakaway

Yes

Circuits (Loaded)

10

Circuits (maximum)

10

Color - Resin

Black

Durability (mating cycles max)

100

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.648/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.18mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

0.381µm

Plating min - Termination

2.540µm

Polarized to Mating Part

No

Polarized to PCB

No

Shrouded

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole



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

42375 Series

Mates With

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

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	500V

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	260

Material Info

Engineering Number	42375-0045
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Reference - Drawing Numbers

Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42375-001

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