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Part Number:

0022280131

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, with Friction Lock, 13 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

- 3D Model

Packaging Specification PK-40873-0056-001 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-10-07-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

Application tooling part link

Application Tooling Part Link

11-20-1230

General

Product Family

PCB Headers

Series

42227

Application

Signal, Wire-to-Board

CURRENT-MAX-NUMERIC

4.0

Overview

KK® Interconnect System - Molex

PITCH-MATING-NUMERIC

2.54

Product Name

KK 254

UPC

800753792067

Physical

Breakaway

Yes

Circuits (Loaded)

13

Circuits (maximum)

13

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

Yes

Material - Plating Mating

Gold

Net Weight

2.080/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.05mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

China RoHS

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[42227 Series](#)

Mates With

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

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

Engineering Number	42227-0048
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Reference - Drawing Numbers

Packaging Specification	PK-40873-0056-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42227-001, SD-42227-001-002

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