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Part Number:

0022289063

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Right-Angle Surface Mount Compatible, 6 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 8.23mm, with Kinked PC Tails

Documents:

3D Model

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

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

42377

Application

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

Application Tooling Part Link

11-20-1230

Overview

KK® Interconnect System - Molex

Product Name

KK 254

UPC

800753822092

Physical

Breakaway

Yes

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.469/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.43mm

PCB Locator

No

PCB Retention

Yes

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

Yes

Polarized to PCB

No

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

Yes

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/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

42377 Series

Mates With

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

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Voltage - Maximum                              | 500V                               |
| <b>Solder Process Data</b>                     |                                    |
| Duration at Max. Process Temperature (seconds) | 005                                |
| Lead-freeProcess Capability                    | WAVE                               |
| Max. Cycles at Max. Process Temperature        | 001                                |
| Process Temperature max. C                     | 235                                |
| <b>Material Info</b>                           |                                    |
| Engineering Number                             | 42377-0251                         |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Product Specification                          | PS-10-07-001                       |
| Sales Drawing                                  | SD-42377-001-000, SD-42377-001-002 |

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