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Part Number:

0022281045

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Right-Angle with Friction Lock, 4 Circuits, 0.76µm Gold (Au) Selective Plating, with Kinked PC Tails

Documents:

3D Model

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

3D Model (PDF)

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

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

Application tooling part link

Application Tooling Part Link

11-20-1230

General

Product Family

PCB Headers

Series

42228

Application

Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK 254

UPC

800753800144

Physical

Breakaway

Yes

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.582/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.05mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Partial

Stackable

No

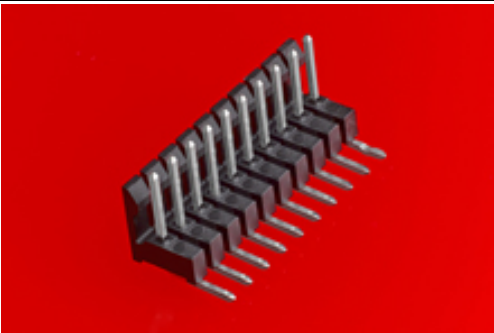
Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[42228](#) Series

Mates With

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

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	235
Material Info	
Engineering Number	42228-0179
Reference - Drawing Numbers	
Packaging Specification	PK-40873-0056-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42228-001-001

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