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Part Number:

0022288211

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Breakaway Header, Right-Angle Surface Mount Compatible, 21 Circuits, Tin (Sn) Plating, Mating Pin Length 8.23mm

Documents:

3D Model

Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Application Tooling Part Link

Overview

Product Name

UPC

PCB Headers

42377

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

11-20-1230

KK® Interconnect System - Molex

KK® 254

800753816688

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Yes

21

21

Black

25

94V-0

No

None

Brass

Tin

Tin

High Temperature Thermoplastic

1.902/g

1

Right Angle

3.05mm

No

None

1.60mm

Bag

2.54mm

2.540µm

2.540µm

Yes

No

Partial

No

Yes

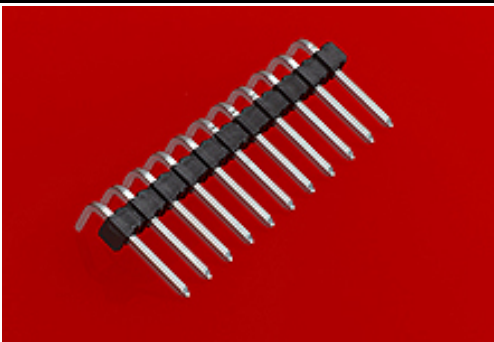
See Product Specification

Through Hole

Electrical

Current - Maximum per Contact

4.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

ELV

RoHS Phthalates

Not Reviewed

Not Relevant

Not Reviewed

Search Parts in this Series

[42377](#) Series

Mates With

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

Voltage - Maximum	250V
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	42377-0056
Reference - Drawing Numbers	
Product Specification	PS-10-07-001
Sales Drawing	SD-42377-001-000, SD-42377-001-002

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