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Part Number:

22-28-9055

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Breakaway Header, Right-Angle Surface Mount Compatible, 5 Circuits, 0.76µm Gold (Au) Selective Plating, Mating Pin Length 8.23mm, with Kinked PC Tails

Documents:

3D Model

Drawing (PDF)

Product Specification PS-10-07 (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

800753821972

Physical

Breakaway

Yes

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Black

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.393/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

0.762µm

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



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

42377Series

Mates With

KK® Crimp Housing 2695 , 6471 , 7880 ,
KK® PC Board Connector 4455

Current - Maximum per Contact	4A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235
Material Info	
Old Part Number	42377-0390
Reference - Drawing Numbers	
Product Specification	PS-10-07
Sales Drawing	SD-42377-001

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