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Part Number:

22-28-8121

Status:

Active

Overview:

KK® Interconnection System

Description:

2.54mm Pitch KK® Header, Breakaway, Right Angle Surface Mount Compatible, 12 Circuits, Tin (Sn) Plating, Mating Pin Length 8.23mm



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-10-07 \(PDF\)](#)
- [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® Interconnection System

KK®

800753814370

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

12

12

Black

25

94V-0

No

None

Brass

Tin

Tin

High Temperature Thermoplastic

0.924/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

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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	42377-0047
Reference - Drawing Numbers	
Product Specification	PS-10-07
Sales Drawing	SD-42377-001

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