

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

22-28-8024

Status:

Active

Overview:

KK® Interconnection System

Description:

2.54mm Pitch KK® Header, Breakaway, Right Angle Surface Mount Compatible, 2 Circuits, 0.76µm Gold (Au) Selective Plating, Mating Pin Length 6.20mm

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®

800753809529

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

2

2

Black

100

94V-0

No

None

Brass

Gold

Tin

High Temperature Thermoplastic

0.151/g

1

Right Angle

3.05mm

No

None

1.60mm

Bag

2.54mm

0.762µm

2.540µm

Yes

No

Partial

No

Yes

See Product Specification

Through Hole

Electrical



image - Reference only

Series

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](mailto: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                   |
| <b>Solder Process Data</b>                     |                        |
| 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                    |
| <b>Material Info</b>                           |                        |
| Old Part Number                                | 42377-0282             |
| <b>Reference - Drawing Numbers</b>             |                        |
| Product Specification                          | PS-10-07               |
| Sales Drawing                                  | SD-42377-001           |

This document was generated on 06/25/2013

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**