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Part Number:

0022289210

Status:

Contact Molex

Description:

2.54mm (.100") Pitch KK® Header, Breakaway, Right Angle Surface Mount Compatible, 21 Circuits, Tin (Sn) Plating, Mating Pin Length 6.20mm (.244"), with Kinked PC Tails



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

Product Name

PCB Headers

42377

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

011201230

KK®

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Lock to Mating Part

Material - Plating Mating

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Yes

21

21

25

94V-0

No

None

Tin

1

Right Angle

3.43mm (.135")

No

Yes

1.60mm (.063")

Bag

2.54mm (.100")

Yes

No

Partial

No

Yes

0°C to +75°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

4A

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

Max. Cycles at Max. Process Temperature

Process Temperature max. C

5

Wave Capable (TH only)

1

235

Material Info

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#) , [70430](#)
 , [7859](#) , L ink:[90148](#) , [90147](#) , [70400a](#) ,
[70066a](#) , [40556](#)

Old Part Number

42377-0161

Reference - Drawing Numbers

Product Specification

PS-10-07

Sales Drawing

SD-42377-001

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