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Part Number:

22-28-1041

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Breakaway Header, Right-Angle with Friction Lock, 4 Circuits, 0.38µm Gold (Au) Selective Plating

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

42228

Application

Signal, Wire-to-Board

Application Tooling Part Link

11-20-1230

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

800753799905

Physical

Breakaway

Yes

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

100

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.578/g

Number of Rows

1

Orientation

Right Angle

PC Tail Length

3.05mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Plating min - Mating

0.381µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Partial

Stackable

No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

4A

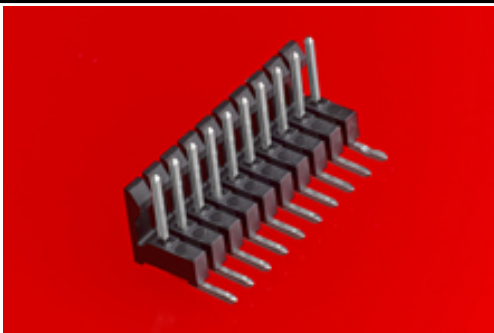


image - Reference onlySeries

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen



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  
42228Series

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

|                                                |                                          |
|------------------------------------------------|------------------------------------------|
| 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                                | 42228-0039                               |
| <b>Reference - Drawing Numbers</b>             |                                          |
| Product Specification                          | PS-10-07                                 |
| Sales Drawing                                  | SD-42228-001, SD-42228-002, SD-42228-003 |

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