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Part Number:

1718141002

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 2 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-171813-0001-001 (PDF)

Product Specification PS-171813-0002-001 (PDF)

Product Specification TS-171813-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

171814

Application

Power, Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK 396

UPC

887191429441

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

Color - Resin

Black

Durability (mating cycles max)

25

First Mate / Last Break

No

Flammability

94V-1

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Plating Mating

Gold

Material - Plating Termination

Nickel

Material - Resin

Nylon

Net Weight

0.778/g

Number of Rows

1

Orientation

Right Angle

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

3.96mm

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

7.0A

Voltage - Maximum

250V

Solder Process Data

Duration at Max. Process Temperature (seconds)

030



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per  
-ED/01/2018 (15  
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

171814 Series

|                                         |                    |                                                               |
|-----------------------------------------|--------------------|---------------------------------------------------------------|
| Lead-free                               | Process Capability | SMC&WAVE                                                      |
| Max. Cycles at Max. Process Temperature |                    | 003                                                           |
| Process Temperature max. C              |                    | 260                                                           |
| <b>Material Info</b>                    |                    |                                                               |
| <b>Reference - Drawing Numbers</b>      |                    |                                                               |
| Product Specification                   |                    | PS-171813-0001-001, PS-171813-0002-001,<br>TS-171813-0001-001 |
| Sales Drawing                           |                    | SD-171814-0001-000, SD-171814-0001-002                        |

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