

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1718140012

Status:

Active

Overview:

KK Interconnect Systems

Description:

3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, Tin (Sn) Plating, Bag, 12 Circuits

Documents:

- Drawing (PDF)

3D Model (PDF)

3D Model

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

Product Specification PS-171813-0002-001 (PDF)
- Packaging Specification PK-41792-002-001 (PDF)

Test Summary TS-171813-0001-001 (PDF)

Symbol Footprint Data SYM-171814-0012-001 (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

Component Type

PCB Header

Overview

KK Interconnect Systems

Product Name

KK 396

Taxonomy

PCB Headers and Receptacles

UPC

887191375762

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

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

Tin

Material - Plating Termination

Nickel

Material - Resin

Nylon

Net Weight

5.093/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° to +105°C

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

171814 Series

Mates With

2145 , 41815 , 6442 , 2139 , 41695 , 3069

|                                                |                                        |
|------------------------------------------------|----------------------------------------|
| Current - Maximum per Contact                  | 7.0A                                   |
| Voltage - Maximum                              | 250V                                   |
| <b>Solder Process Data</b>                     |                                        |
| Duration at Max. Process Temperature (seconds) | 030                                    |
| Lead-freeProcess Capability                    | SMC&WAVE                               |
| Max. Cycles at Max. Process Temperature        | 003                                    |
| Process Temperature max. C                     | 260                                    |
| <b>Material Info</b>                           |                                        |
| <b>Reference - Drawing Numbers</b>             |                                        |
| Packaging Specification                        | PK-41792-002-001                       |
| Product Specification                          | PS-171813-0001-001, PS-171813-0002-001 |
| Sales Drawing                                  | SD-171814-0001-000, SD-171814-0001-002 |
| Symbol/Footprint Data                          | SYM-171814-0012-001                    |
| Test Summary                                   | TS-171813-0001-001                     |

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