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Part Number:

1718131011

Status:

Active

Overview:

KK Interconnect Systems

Description:

3.96mm Pitch, KK 396 RPC Vertical Header with Friction Lock, 15µm Gold (Au) Plating, Pin Length 17.02mm, Bag, 11 Circuits, without Pegs

Documents:

- 3D Model

Drawing (PDF)

3D Model (PDF)

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

Product Specification PS-171813-0002-001 (PDF)
- Packaging Specification PK-41791-001-001 (PDF)

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

Symbol Footprint Data SYM-171813-0011-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

171813

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

See Product Specification for maximum current rating by material, AWG, and orientation; See Product Specification for operating temperature range by material.

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Header

KK Interconnect Systems

KK 396

PCB Headers and Receptacles

887191429427

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

No

11

11

Black

25

No

94V-1, 94V-2

No

No

None

Yes

Brass

Gold

Matte Tin

High Temperature Thermoplastic

3.575/g

1

Vertical

No

None

1.60mm

Bag

3.96mm

0.381µm

1.524µm



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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

171813 Series

Mates With

2145 , 41815 , 6442 , 2139 , 41695 , 3069

|                                                |                                        |
|------------------------------------------------|----------------------------------------|
| Polarized to Mating Part                       | Yes                                    |
| Shrouded                                       | Partial                                |
| Stackable                                      | No                                     |
| Surface Mount Compatible (SMC)                 | Yes                                    |
| Temperature Range - Operating                  | -40° to +105°C, -40° to +80°C          |
| Termination Interface: Style                   | Through Hole                           |
| <b>Electrical</b>                              |                                        |
| Current - Maximum per Contact                  | 5.0A, 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-41791-001-001                       |
| Product Specification                          | PS-171813-0001-001, PS-171813-0002-001 |
| Sales Drawing                                  | SD-171813-0001-000, SD-171813-0001-002 |
| Symbol/Footprint Data                          | SYM-171813-0011-001                    |
| Test Summary                                   | TS-171813-0001-001                     |

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