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Part Number:

1718141012

Status:

Active

Overview:

KK Interconnect Solutions

Description:

3.96mm Pitch, KK 396 RPC Wire-to-Board Right-Angle Header with Friction Lock, 15µm Gold (Au) Plating, Bag, 12 Circuits

Documents:

- 3D Model (PDF)

Packaging Specification PK-41792-002-001 (PDF)
- Drawing (PDF)

Test Summary TS-171813-0001-001 (PDF)
- 3D Model

Symbol Footprint Data SYM-171814-0012-001 (PDF)
- Product Specification PS-171813-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-171813-0002-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

171814

Application

Power, Signal, Wire-to-Board

Overview

KK Interconnect Solutions

Product Name

KK 396

Taxonomy

PCB Headers and Receptacles

UPC

887191429557

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

Gold

Material - Plating Termination

Nickel

Material - Resin

Nylon

Net Weight

5.081/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

Current - Maximum per Contact

7.0A



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

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
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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