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Part Number:

1718130003

Status:

Active

Overview:

KK Interconnect Systems

Description:

3.96mm Pitch, KK 396 RPC Vertical Header with Friction Lock, Tin (Sn) Plating, Pin Length 17.02mm, Bag, 3 Circuits, without Pegs

- Documents:
- 3D Model (PDF)

3D Model

Drawing (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-171813-0003-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

171813

Application

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

Comments

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

Overview

KK Interconnect Systems

Product Name

KK 396

Taxonomy

PCB Headers and Receptacles

UPC

887191374703

Physical

Breakaway

No

Circuits (Loaded)

3

Circuits (maximum)

3

Color - Resin

Black

Durability (mating cycles max)

25

First Mate / Last Break

No

Flammability

94V-1, 94V-2

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Matte Tin

Material - Plating Termination

Matte Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

0.917/g

Number of Rows

1

Orientation

Vertical

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

3.96mm

Plating min - Mating

1.524µm

Plating min - Termination

1.524µm

Polarized to Mating Part

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

171813 Series

Mates With

2145 , 41815 , 6442 , 2139 , 41695 , 3069

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
Electrical	
Current - Maximum per Contact	5.0A, 7.0A
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	
Cross-Plant Material Status	LT
Reference - Drawing Numbers	
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-171813-0003-001
Test Summary	TS-171813-0001-001

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