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Part Number:

1718131007

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

3.96mm Pitch, KK 396 RPC Vertical Header with Friction Lock, 15µm Gold (Au) Plating, Pin Length 17.02mm, Bag, 7 Circuits, without Pegs

Documents:

- 3D Model

Packaging Specification PK-41791-001-001 (PDF)
- Drawing (PDF)

Test Summary TS-171813-0001-001 (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

171813

3D Viewer

Yes

Application

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

CURRENT-MAX-NUMERIC

5.0, 7.0

Comments

See Product Specification for maximum current rating by material, AWG, and orientation.

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

See Product Specification for operating temperature range by material.

Overview

KK® Interconnect System - Molex

PITCH-MATING-NUMERIC

3.96

Product Name

KK 396

UPC

887191429281

Physical

Breakaway

No

Circuits (Loaded)

7

Circuits (maximum)

7

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

Gold

Material - Plating Termination

Matte Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

2.238/g

Number of Rows

1

Orientation

Vertical

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

171813 Series

Mates With

2145 , 41815 , 6442 , 2139 , 41695

Pitch - Mating Interface	3.96mm
Plating min - Mating	0.381μm
Plating min - Termination	1.524μm
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

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

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-171813-0007
Test Summary	TS-171813-0001-001

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Molex:

171813-1007