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Part Number:

0026481185

Status:

Active

Overview:

KK Interconnect Systems

Description:

KK 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 18 Circuits, Tin (Sn) Plating

Documents:

- 3D Model

Packaging Specification PK-41671-001-001 (PDF)
- 3D Model (PDF)

Symbol Footprint Data SYM-41671-0017-001 (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-08-50-001 (PDF)

Agency Certification

CSA

LR19980

UL

E29179

Application tooling part link

Application Tooling Part Link

11-20-0901

General

Product Family

PCB Headers

Series

41671

Application

Power, Wire-to-Board

Overview

KK Interconnect Systems

Product Name

KK 396

Taxonomy

PCB Headers and Receptacles

UPC

800754386418

Physical

Breakaway

Yes

Circuits (Loaded)

18

Circuits (maximum)

18

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

6.653/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

4.37mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

3.96mm

Pitch - Termination Interface

3.96mm

Plating min - Mating

5.080µm

Plating min - Termination

5.080µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Partial

Stackable

No



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

Not 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

41671 Series

Mates With

2139 KK Crimp Housing, 41695 KK Crimp Housing, 6442 KK Crimp Housing, 2145 PCB Connector, 41815 PCB Connector, 3069 KK Crimp Housing

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Temperature Range - Operating                  | See Product Specification          |
| Termination Interface: Style                   | Through Hole                       |
| <b>Electrical</b>                              |                                    |
| Current - Maximum per Contact                  | 7.0A                               |
| Voltage - Maximum                              | 250V                               |
| <b>Solder Process Data</b>                     |                                    |
| Duration at Max. Process Temperature (seconds) | 005                                |
| Lead-freeProcess Capability                    | WAVE                               |
| Max. Cycles at Max. Process Temperature        | 001                                |
| Process Temperature max. C                     | 235                                |
| <b>Material Info</b>                           |                                    |
| Engineering Number                             | A-41671-C18A197                    |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Packaging Specification                        | PK-41671-001-001                   |
| Product Specification                          | PS-08-50-001                       |
| Sales Drawing                                  | SD-41671-001-001, SD-41671-001-002 |
| Symbol/Footprint Data                          | SYM-41671-0017-001                 |

This document was generated on 10/14/2022

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