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Part Number:

0416710028

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 6 Circuits, 0.76µm Gold (Au) Selective Plating

Documents:

3D Model

Product Specification PS-08-50-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

41671

Application

Power, Wire-to-Board

Application Tooling Part Link

11-20-0901

Overview

KK® Interconnect System - Molex

Product Name

KK® 396

UPC

756054739709

Physical

Breakaway

Yes

Circuits (Loaded)

6

Circuits (maximum)

6

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

1.926/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

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Partial

Stackable

No

Temperature Range - Operating

See Product Specification

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
-ED/01/2017 (12
January 2017)

Halogen-Free
Status

Not Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	A-41671-C06A228
Reference - Drawing Numbers	
Product Specification	PS-08-50-001
Sales Drawing	SD-41671-001-002

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