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Part Number:

0416710038

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 16 Circuits, 0.76µm Gold (Au) Selective Plating

Documents:

- 3D Model

Packaging Specification PK-41671-001-001 (PDF)
- Drawing (PDF)

Symbol Footprint Data SYM-41671-0015 (PDF)
- 3D Model (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 System - Molex

Product Name

KK 396

UPC

800756634289

Physical

Breakaway

Yes

Circuits (Loaded)

16

Circuits (maximum)

16

Color - Resin

Black

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Resin

Polyester

Net Weight

6.207/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

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

Current - Maximum per Contact	7.0A
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-C16A228

Reference - Drawing Numbers	
Packaging Specification	PK-41671-001-001
Product Specification	PS-08-50-001
Sales Drawing	SD-41671-001, SD-41671-001-002
Symbol/Footprint Data	SYM-41671-0015

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