

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0416610029

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 396 Breakaway Header, Vertical, 7 Circuits, 0.76µm Gold (Au) Selective Plating

Documents:

3D Model

Drawing (PDF)

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

Packaging Specification PK-41661-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

Application tooling part link

Application Tooling Part Link

11-20-0901

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

41661

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

KK® Interconnect System - Molex

KK 396

756054650301

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Yes

7

7

Black

50

No

94V-0

No

No

None

None

Brass

Gold

Gold

Polyester

2.054/g

1

Vertical

4.37mm

No

None

1.60mm

Bag

3.96mm

3.96mm

0.762µm

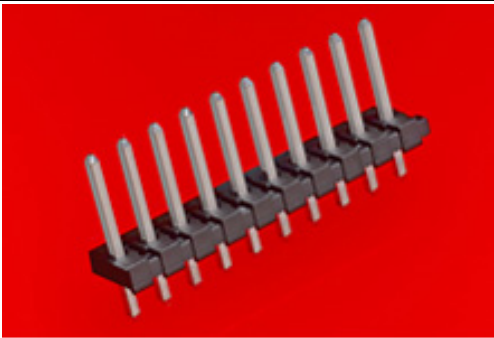
2.540µm

Yes

No

Partial

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

41661 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
Electrical	
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-41661-B07A228
Reference - Drawing Numbers	
Packaging Specification	PK-41661-001-001
Product Specification	PS-08-50-001
Sales Drawing	SD-41661-001, SD-41661-001-002
Symbol/Footprint Data	SYM-26-48-1071

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Mouser Electronics

Authorized Distributor

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[41661-0029](#)