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Part Number:

0416610003

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 396 Breakaway Header, Vertical, 4 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

3D Model

Packaging Specification PK-41661-001-001 (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

41661

3D Viewer

Yes

Application

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

CURRENT-MAX-NUMERIC

7.0

Overview

KK® Interconnect System - Molex

PITCH-MATING-NUMERIC

3.96

Product Name

KK 396

UPC

800753929524

Physical

Breakaway

Yes

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

50

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Gold

Material - Resin

Polyester

Net Weight

1.121/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

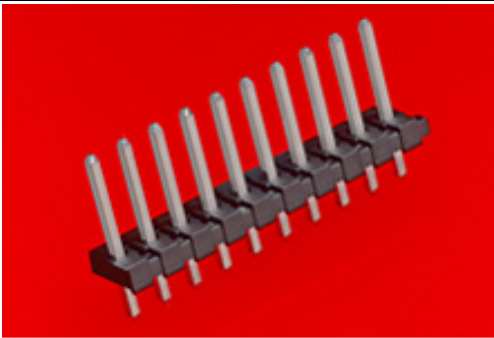
0.381µm

Polarized to Mating Part

Yes

Polarized to PCB

No



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

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

Shrouded	Partial
Stackable	No
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-B04A208
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-26-48-1041

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