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Part Number:

0038006865

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® Header, Vertical, Round Pin, 4 Circuits, Tin (Sn) Plating, Pin Length 39.68mm, Circuit 2 Voided

Documents:

Drawing (PDF)

Product Specification PS-99020-0087 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

3003

Application

Board-to-Board, Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK®

UPC

800753729407

Physical

Breakaway

No

Circuits (Loaded)

3

Circuits (maximum)

4

Color - Resin

Natural

Durability (mating cycles max)

25

First Mate / Last Break

No

Flammability

94V-2

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Material - Metal

Brass

Material - Plating Mating

Tin, Tin over Nickel

Material - Plating Termination

Tin, Tin over Nickel

Material - Resin

Nylon

Net Weight

1.004/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

2.87mm, 3.94mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.00mm, 5.08mm

Pitch - Termination Interface

5.08mm

Plating min - Mating

2.500µm, 5.080µm

Plating min - Termination

0.762µm, 2.500µm

Polarized to Mating Part

No

Polarized to PCB

No, Yes

Shrouded

No

Stackable

No

Surface Mount Compatible (SMC)

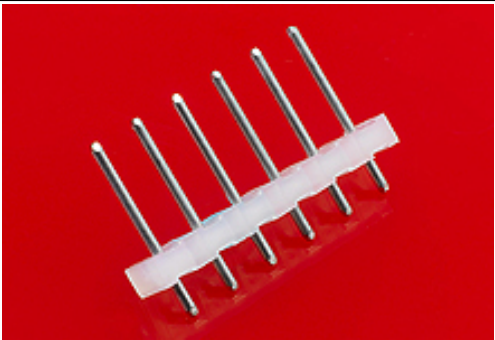
No

Temperature Range - Operating

-40°C to +105°C, See Product Specification

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

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

ELV

Green Image

Not Relevant

Search Parts in this Series

3003 Series

Mates With

KK® Crimp Terminal Housing 3001 , 3002
KK® PC Board Connector

Electrical

Current - Maximum per Contact	4.5A
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

Old Part Number	300304A02
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Reference - Drawing Numbers

Product Specification	PS-99020-0087
Sales Drawing	SDAE-3003-N*

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