

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022292051

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Wire-to-Board Header, Vertical, with Friction Lock, 5 Circuits, Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0088-001 (PDF)

Packaging Specification PK-6410-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

6410

Application

Signal, Wire-to-Board

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

800753756755

Physical

Breakaway

No

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Natural (White)

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.576/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.56mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

Pitch - Mating Interface

2.54mm

Pitch - Termination Interface

2.54mm

Plating min - Mating

0.508µm

Plating min - Termination

0.508µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Partial

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole



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

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

6410 Series

Mates With

KK® Crimp Terminal Housing [2695](#) , [6471](#)

Electrical

Current - Maximum per Contact	4.0A
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	AE-6410-05A(241)
--------------------	------------------

Reference - Drawing Numbers

Packaging Specification	PK-6410-002
Product Specification	PS-99020-0088-001
Sales Drawing	SDAE-6410-N-000

This document was generated on 03/01/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION