

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022292021](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 254 Wire-to-Board Header, Vertical, with Friction Lock, 2 Circuits, Gold (Au) Plating

Documents:
[3D Model](#) [Packaging Specification PK-6410-002-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Symbol Footprint Data SYM-22-27-2021 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0088-001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [6410](#)
Application Signal, Wire-to-Board
Overview [KK Interconnect Solutions](#)
Product Name KK 254
UPC 800753589452

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Natural (White)
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 Yes
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 0.216/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 -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

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

[6410 Series](#)

Mates With

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

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	500V

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	232

Material Info

Engineering Number	AE-6410-02A(241)
--------------------	------------------

Reference - Drawing Numbers

Packaging Specification	PK-6410-002-001
Product Specification	PS-99020-0088-001
Sales Drawing	SDAE-6410-N-000
Symbol/Footprint Data	SYM-22-27-2021

This document was generated on 06/21/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION