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Part Number: [0022292071](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Wire-to-Board Header, Vertical, with Friction Lock, 7 Circuits, Gold (Au) Plating

Documents:

[3D Model](#) [Packaging Specification PK-6410-002-001 \(PDF\)](#)
[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](#)
 3D Viewer Yes
 Application Signal, Wire-to-Board
 CURRENT-MAX-NUMERIC 4.0
 Overview [KK® Interconnect System - Molex](#)
 PITCH-MATING-NUMERIC 2.54
 Product Name KK 254
 UPC 800753735965

Physical

Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 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 0.772/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[6410 Series](#)

Mates With

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

Temperature Range - Operating
Termination Interface: Style

See Product Specification
Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-free Process Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 235

Material Info

Engineering Number AE-6410-07A(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-22-27-2071

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