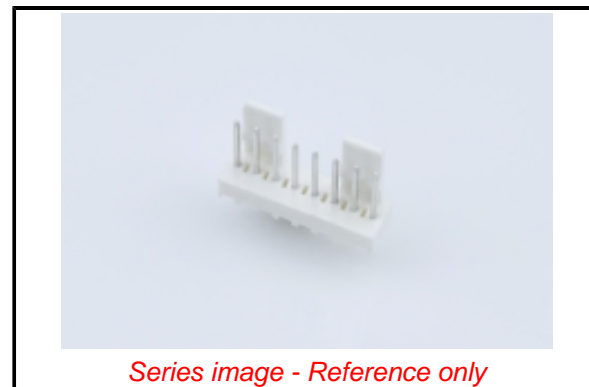


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022272081](#)
Status: **Active**
Overview: [KK Interconnect Systems](#)
Description: [KK 254 Wire-to-Board Header, Vertical, with Friction Lock, 8 Circuits, Tin \(Sn\) Plating](#)

Documents:

3D Model (PDF)	Packaging Specification PK-6410-002-001 (PDF)
3D Model	Symbol Footprint Data SYM-22-27-2081-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-99020-0088-001 (PDF)	



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	6410
Application	Signal, Wire-to-Board
Overview	KK Interconnect Systems
Product Name	KK 254
Taxonomy	PCB Headers and Receptacles
UPC	800753589674

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.900/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	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	See Product Specification

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[6410 Series](#)

Mates With

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

Termination Interface: Style Through Hole

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 235

Material Info

Engineering Number AE-6410-08A(222)

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-22-27-2081-001

This document was generated on 10/14/2022

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