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Part Number:

0022292031

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Wire-to-Board Header, Vertical, with Friction Lock, 3 Circuits, Gold (Au) Plating

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

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

Packaging Specification PK-6410-002-001 (PDF)

Symbol Footprint Data SYM-22-27-2031-001 (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		800753589469

Physical		
Breakaway		No
Circuits (Loaded)		3
Circuits (maximum)		3
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		0.405/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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 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	235

Material Info

Engineering Number	AE-6410-03A(241)
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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-22-27-2031-001

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Molex:

22-29-2031