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Part Number: [0038007688](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Wire-to-Board Header, Vertical Square Pin, 12 Circuits, Circuit 9 Voided

Documents:

3D Model	Product Specification PS-99020-0088-001 (PDF)
3D Model (PDF)	Packaging Specification PK-6410-002-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-10-07-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	6410
Application	Board-to-Board, Signal
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	800753727472

Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	12
Color - Resin	Natural (White)
Durability (mating cycles max)	25
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	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.209/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.53mm
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	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

**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](#)

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.5A, 3.75A, 3.0A, 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-6410-12A(197)-9
Reference - Drawing Numbers	
Packaging Specification	PK-6410-002-001
Product Specification	PS-10-07-001, PS-99020-0088-001
Sales Drawing	SDAE-6410-N-000

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