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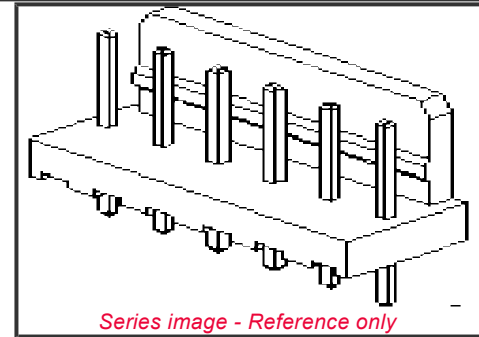
**Part Number:**  
**0022272121**

**Status:**  
**Active**

**Overview:**  
**KK®**

**Description:**  
2.54mm (.100") Pitch KK® Wire-to-Board Header, Vertical, with Friction Lock, 12 Circuits, Tin (Sn) Plating

**Documents:** *Note - Please disable browser pop-up blockers for documents on www.molex.com*  
[Drawing \(PDF\)](#)      [Product Specification PS-10-07 \(PDF\)](#)



**EU RoHS**  
ELV and RoHS  
Compliant

**REACH SVHC**  
Not Reviewed

**Halogen-Free**  
**Status**  
**Halogen-Free**

**China RoHS**



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[6410Series](#)

**Mates With**

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

[Product Specification PS-99020-0088 \(PDF\)](#) :

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**General**

Product Family	PCB Headers
Series	<a href="#">6410</a>
Application	Wire-to-Board
Overview	<a href="#">KK®</a>
Product Name	KK®

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural (White)
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	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
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.140 In
PC Tail Length (mm)	3.56 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole

**Electrical**(Please review the Product Specification for specific details.)

Current - Maximum per Contact 4A

Voltage - Maximum 250V

**Agency Certification**

CSA LR19980

UL E29179

**Solder Process Data**Duration at Max. Process Temperature 5  
(seconds)

Lead-free Process Capability Wave Capable (TH only)

Max. Cycles at Max. Process  
Temperature 3

Process Temperature max. C 230

**Material Info**

Old Part Number AE-6410-12A(102)

**Reference - Drawing Numbers**

Product Specification PS-10-07, PS-99020-0088

Sales Drawing SDAE-6410-N