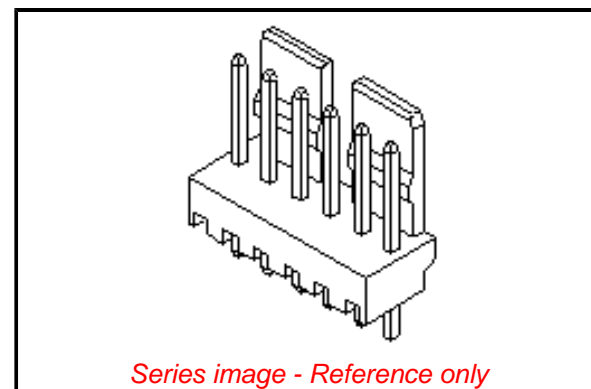


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0022041021](#)  
**Status:** **Active**  
**Overview:** [Mini-Latch Wire-to-Board System](#)  
**Description:** Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 2 Circuits, Tin (Sn) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51191-002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 511910000-AS-001 (PDF)</a>
<a href="#">Product Specification PS-5045-001 (PDF)</a>	<a href="#">Packaging Specification SPK-5045-001-001 (PDF)</a>
<a href="#">Product Specification PS-5045-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">5045</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Latch Wire-to-Board System</a>
Product Name	KK, Mini-Latch
UPC	800753591622

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
Durability (mating cycles max)	30
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	Polyamide
Net Weight	204.000/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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**

[5045 Series](#)

**Mates With**

2.50mm Pitch Housings [51191](#) , [5051](#)

**Electrical**

Current - Maximum per Contact 3.0A  
Voltage - Maximum 250V

**Material Info**

Engineering Number 5045-02A

**Reference - Drawing Numbers**

Application Specification 511910000-AS-001  
Packaging Specification SPK-5045-001-001  
Product Specification PS-5045-001, PS-5045-002, PS-51191-002  
Sales Drawing SD-5045-NA-001

This document was generated on 10/24/2018

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