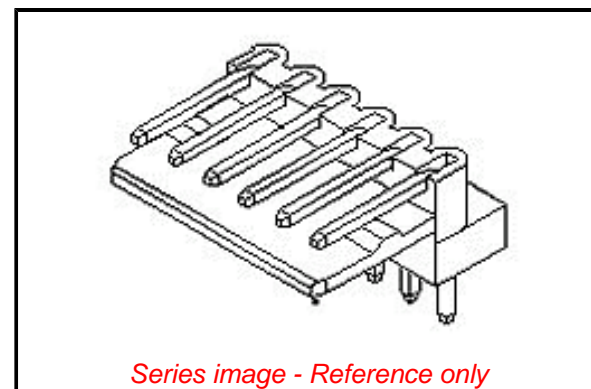


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0022051042](#)  
**Status:** **Active**  
**Overview:** [Mini-Latch Wire-to-Board System](#)  
**Description:** Mini-Latch / KK Wire-to-Board Header, Right-Angle, Friction Lock, 4 Circuits, Tin (Sn) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 511910000-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 511910000-AS-001 (PDF)</a>
<a href="#">Product Specification PS-5046-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51191-002 (PDF)</a>	



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">5046</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Latch Wire-to-Board System</a>
Product Name	KK, Mini-Latch
UPC	800753591448

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	Nylon
Net Weight	498.400/mg
Number of Rows	1
Orientation	Right Angle
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**

Contained Per -  
ED/61/2018 (27 June  
2018)

Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o

**Halogen-Free**

**Status**

**Not 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**

[5046 Series](#)

**Mates With**

[2.50mm Pitch Housing 51191](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

3.0A  
250V

**Material Info**

Engineering Number

5046-04A

**Reference - Drawing Numbers**

Application Specification  
Product Specification  
Sales Drawing

511910000-AS-000, 511910000-AS-001  
PS-5046-002-001, PS-51191-002  
SD-5046-NA

This document was generated on 10/18/2018

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**