



**Part Number :** [22041031](#)

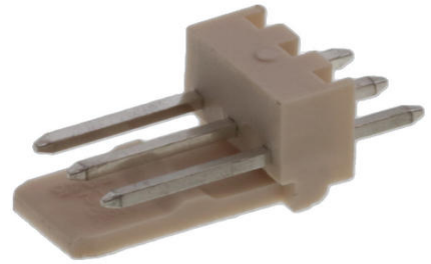
**Product Description :** Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 3 Circuits, Tin (Sn) Plating, Natural

**Series Number :** 5045

**Status :** Not Recommended For New Design

**Product Category :** PCB Headers and Receptacles

**Engineering Part Number :** 5045-03A



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## Documents and Resources

### Drawings

[022041031\\_sd.pdf](#)

[022041031\\_stp.zip](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[511910000-AS-001.pdf](#)

[511910000-AS-000.pdf](#)

[SPK-5045-001-001.pdf](#)

[PS-5045-001-001.pdf](#)

[PS-5045-002-001.pdf](#)


[50510002-PS-000.pdf](#)

[511910000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

## Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## Part Details

### General

Status	Not Recommended For New Design
Category	PCB Headers and Receptacles
Series	5045
Description	Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 3 Circuits, Tin (Sn) Plating, Natural
Application	Wire-to-Board
Component Type	PCB Header
Product Name	KK,Mini-Latch
UPC	800753591639

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyamide (PA)
Net Weight	324.000/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.40mm
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	Partially Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

## Mates with Part(s)

Description	Part Number
KK 2.50mm Pitch Single Row Receptacle Housings	<u>5051</u>
Mini-Latch Receptacle Housings	<u>51191</u>

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