

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022041051](#)
Status: **Active**
Overview: [Mini-Latch Wire-to-Board / Wire-to-Wire Connector System](#)
Description: Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 5 Circuits, Tin (Sn) Plating, Natural

Documents:

3D Model (PDF)	Product Specification PS-5045-002-001 (PDF)
Drawing (PDF)	Product Specification PS-5051-005-001 (PDF)
3D Model	Application Specification 511910000-AS-000 (PDF)
Product Specification 50510002-PS-000 (PDF)	Application Specification 511910000-AS-001 (PDF)
Product Specification 511910000-PS-000 (PDF)	Packaging Specification SPK-5045-001-001 (PDF)
Product Specification PS-5045-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

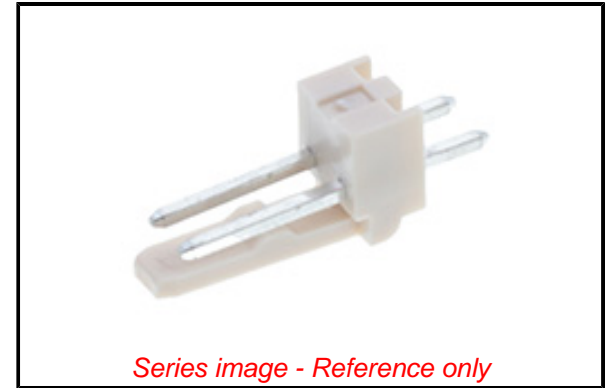
UL E29179

General

Product Family	PCB Headers
Series	5045
Application	Signal, Wire-to-Board
Overview	Mini-Latch Wire-to-Board / Wire-to-Wire Connector System
Product Name	KK, Mini-Latch
UPC	800753740754

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	517.600/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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](#)

Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

No
-40° to +105°C
Through Hole

Electrical

Current - Maximum per Contact
Voltage - Maximum

3.0A
250V

Material Info

Engineering Number

5045-05A

Reference - Drawing Numbers

Application Specification
Packaging Specification
Product Specification

511910000-AS-000, 511910000-AS-001
SPK-5045-001-001
50510002-PS-000, 511910000-PS-000,
PS-5045-001-001, PS-5045-002-001, PS-5051-005-001
SD-5045-NA-001

Sales Drawing

This document was generated on 12/22/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[22-04-1051](#)