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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, Natural

Documents:

3D Model	Product Specification PS-51191-002 (PDF)
Drawing (PDF)	Application Specification 511910000-AS-001 (PDF)
Product Specification PS-5045-001 (PDF)	Packaging Specification SPK-5045-001-001 (PDF)
Product Specification PS-5045-002 (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 System
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
Voltage - Maximum

3.0A
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 11/22/2018

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