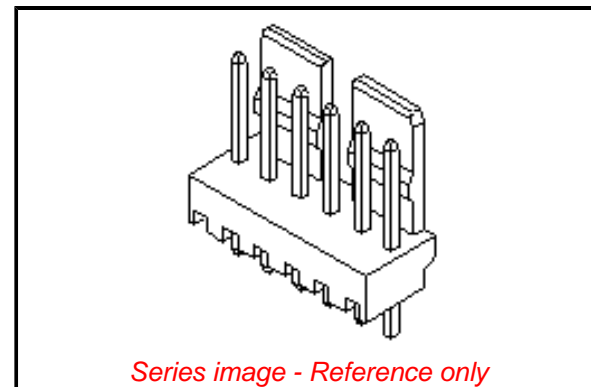


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Part Number: [0022111021](#)
Status: **Active**
Overview: [Mini-Latch Wire-to-Board System](#)
Description: Mini-Latch Wire-to-Board Header, Vertical, with Friction Ramp, 2 Circuits, Gold (Au) Plating

Documents:

3D Model	Product Specification PS-5045-004 (PDF)
Drawing (PDF)	Application Specification 511910000-AS-000 (PDF)
Product Specification 511910000-AS-001 (PDF)	Packaging Specification SPK-5045-002-001 (PDF)
Product Specification PS-5045-003 (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
UPC	800753733107

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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 - Plating Mating	Gold
Material - Plating Termination	Gold
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	0.356µm
Plating min - Termination	0.356µm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact 3.0A

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5045 Series](#)

Mates With

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

Voltage - Maximum

250V

Material Info

Engineering Number

5045-02AG

Reference - Drawing Numbers

Application Specification

511910000-AS-000

Packaging Specification

SPK-5045-002-001

Product Specification

511910000-AS-001, PS-5045-003, PS-5045-004

Sales Drawing

SD-5045-001-001

This document was generated on 04/17/2018

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