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Part Number: [22-04-1021](#)
Status: **Active**
Overview: Mini-Latch™ Wire-to-Board System
Description: Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 2 Circuits, Tin (Sn) Plating

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5045-001 \(PDF\)](#)
[Product Specification PS-5045-002 \(PDF\)](#)
[Product Specification PS-5102-001 \(PDF\)](#)
- [Product Specification PS-5102-002 \(PDF\)](#)
[Product Specification PS-51191-002 \(PDF\)](#)
[Packaging Specification SPK-5045-001 \(PDF\)](#)
[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 System](#)
Product Name KK®
UPC 800753591622

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Tin
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°C to +105°C
Termination Interface: Style Through Hole

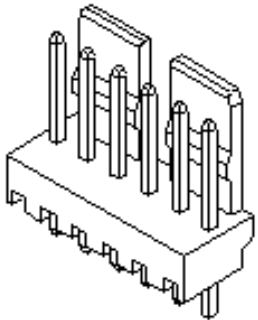


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Series

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Low-Halogen Status
Low-Halogen**

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[5045Series](#)

Mates With

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

Electrical

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

Material Info

Old Part Number	5045-02A
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Reference - Drawing Numbers

Packaging Specification	SPK-5045-001
Product Specification	PS-5045-001, PS-5045-002, PS-5102-001, PS-5102-002, PS-51191-002, RPS-5045-001, RPS-51191-007
Sales Drawing	SD-5045-NA

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