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**Part Number:** [0022111041](#)

**Status:** **Active**

**Overview:** [Mini-Latch™ Wire-to-Board System](#)

**Description:** [Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 4 Circuits, Gold \(Au\) Plating](#)

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-5045-003 \(PDF\)](#)

[Product Specification PS-5045-004 \(PDF\)](#)

[Packaging Specification SPK-5045-002-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

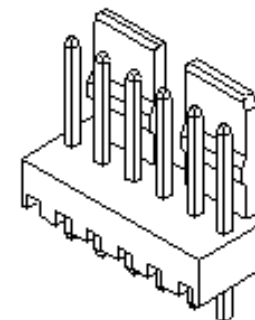
UL E29179

**General**

Product Family PCB Headers  
Series [5045](#)  
Application Signal, Wire-to-Board  
Overview [Mini-Latch™ Wire-to-Board System](#)  
Product Name KK®  
UPC 800753733176

**Physical**

Breakaway No  
Circuits (Loaded) 4  
Circuits (maximum) 4  
Color - Resin Natural  
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 - Metal Brass  
Material - Plating Mating Gold  
Material - Plating Termination Gold  
Material - Resin Nylon  
Net Weight 431.000/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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[5045 Series](#)

**Mates With**

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

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

3.0A  
250V

**Material Info**

Engineering Number

5045-04AG

**Reference - Drawing Numbers**

Packaging Specification

SPK-5045-002-001

Product Specification

PS-5045-003, PS-5045-004

Sales Drawing

SD-5045-001

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