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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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5045-004 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-5045-002 (PDF)</a>
<a href="#">Product Specification PS-5045-003 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

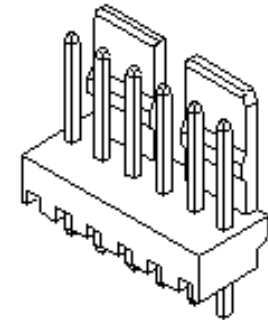
UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">5045</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Latch™ Wire-to-Board System</a>
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/21/2016 (20 June  
2016)

**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

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

Product Specification

PS-5045-003, PS-5045-004

Sales Drawing

SD-5045-001

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