

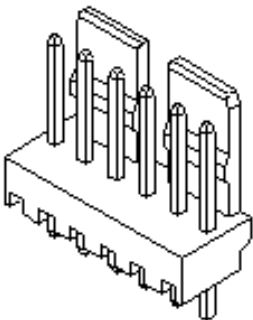
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Part Number: [0022111071](#)
Status: **Active**
Overview: [Mini-Latch™ Wire-to-Board System](#)
Description: [Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 7 Circuits, Gold \(Au\) Plating](#)

Documents:
[3D Model](#) [Product Specification PS-5045-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [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	800753732933

Physical	
Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	707.000/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/01/2017 (12 January 2017) 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 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	3.0A
Voltage - Maximum	250V

Material Info

Engineering Number	5045-07AG
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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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