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Part Number: [0022111081](#)
Status: **Active**
Overview: [Mini-Latch™ Wire-to-Board System](#)
Description: [Mini-Latch™ Wire-to-Board Header, Vertical, with Friction Ramp, 8 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

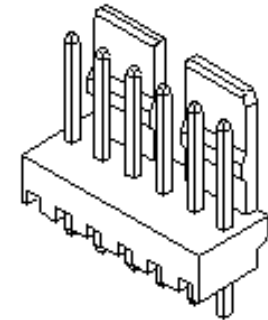
UL E29179

General

Product Family	PCB Headers
Series	5045
Application	Signal, Wire-to-Board
Overview	Mini-Latch™ Wire-to-Board System
Product Name	KK®
UPC	800754316491

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	805.000/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
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

5045-08AG

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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