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Part Number: [0022041131](#)
Status: **Active**
Overview: [Mini-Latch Wire-to-Board System](#)
Description: Mini-Latch Wire-to-Board Header, Vertical, with Friction Ramp, 13 Circuits, Tin (Sn) Plating

Documents:

3D Model	Product Specification PS-5051-005-001 (PDF)
Drawing (PDF)	Product Specification PS-51191-002 (PDF)
Product Specification 511910000-AS-001 (PDF)	Application Specification 511910000-AS-000 (PDF)
Product Specification PS-5045-001 (PDF)	Packaging Specification SPK-5045-001-001 (PDF)
Product Specification PS-5045-002 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5051-001-001 (PDF)	

Agency Certification

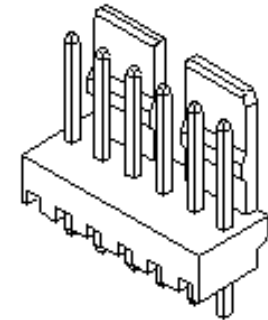
UL E29179

General

Product Family	PCB Headers
Series	5045
Application	Signal, Wire-to-Board
Overview	Mini-Latch Wire-to-Board System
Product Name	KK
UPC	800753740792

Physical

Breakaway	No
Circuits (Loaded)	13
Circuits (maximum)	13
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1296.000/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5045 Series](#)

Mates With

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

Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

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

Material Info

Engineering Number 5045-13A

Reference - Drawing Numbers

Application Specification 511910000-AS-000
Packaging Specification SPK-5045-001-001
Product Specification 511910000-AS-001, PS-5045-001, PS-5045-002,
PS-5051-001-001, PS-5051-005-001, PS-51191-002
Sales Drawing SD-5045-NA-001

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