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Part Number: [0022041091](#)
Status: **Active**
Overview: [Mini-Latch Wire-to-Board / Wire-to-Wire Connector System](#)
Description: Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 9 Circuits, Tin (Sn) Plating, Natural

Documents:

Drawing (PDF)	Product Specification PS-5045-002-001 (PDF)
3D Model	Product Specification PS-5051-005-001 (PDF)
3D Model (PDF)	Application Specification 511910000-AS-000 (PDF)
Product Specification 50510002-PS-000 (PDF)	Application Specification 511910000-AS-001 (PDF)
Product Specification 511910000-PS-000 (PDF)	Packaging Specification SPK-5045-001-001 (PDF)
Product Specification PS-5045-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

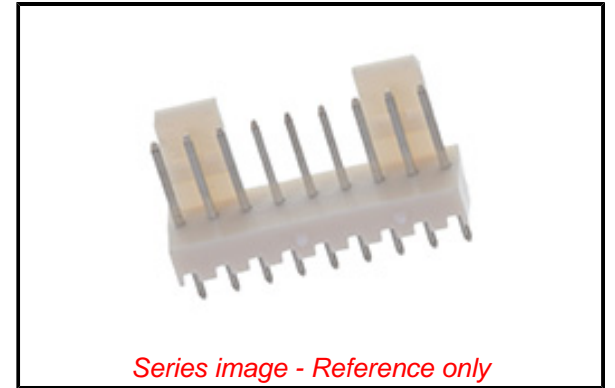
UL E29179

General

Product Family PCB Headers
 Series [5045](#)
 Application Signal, Wire-to-Board
 Overview [Mini-Latch Wire-to-Board / Wire-to-Wire Connector System](#)
 Product Name KK, Mini-Latch
 Taxonomy PCB Headers and Receptacles
 UPC 800753591264

Physical

Breakaway No
 Circuits (Loaded) 9
 Circuits (maximum) 9
 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 Polyamide
 Net Weight 903.000/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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[5045 Series](#)

Mates With

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

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

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

Material Info

Engineering Number	5045-09A
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Reference - Drawing Numbers

Application Specification	511910000-AS-000, 511910000-AS-001
Packaging Specification	SPK-5045-001-001
Product Specification	50510002-PS-000, 511910000-PS-000, PS-5045-001-001, PS-5045-002-001, PS-5051-005-001
Sales Drawing	SD-5045-NA-001

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