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Part Number: [0022041141](#)
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, 14 Circuits, Tin (Sn) Plating, Natural

Documents:

3D Model	Product Specification PS-5045-002-001 (PDF)
Drawing (PDF)	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
Component Type	PCB Header
Overview	Mini-Latch Wire-to-Board / Wire-to-Wire Connector System
Product Name	KK, Mini-Latch
Taxonomy	PCB Headers and Receptacles
UPC	800753689367

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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	1394.000/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5045](#) Series

Mates With

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

Shrouded	Partial
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	5045-14A
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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