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Part Number: [0022051042](#)
Status: **Active**
Overview: [Mini-Latch Wire-to-Board / Wire-to-Wire Connector System](#)
Description: Mini-Latch / KK Wire-to-Board Header, Right-Angle, with Friction Ramp, 4 Circuits, Tin (Sn) Plating, Natural

Documents:

3D Model	Application Specification 511910000-AS-000 (PDF)
3D Model (PDF)	Application Specification 511910000-AS-001 (PDF)
Drawing (PDF)	Packaging Specification 50469200-SPK-200 (PDF)
Product Specification 50510002-PS-000 (PDF)	Packaging Specification SPK-5046-001-001 (PDF)
Product Specification 511910000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	5046
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	800753591448

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	498.400/mg
Number of Rows	1
Orientation	Right Angle
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not 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

[5046 Series](#)

Mates With

[2.50mm Pitch Housing 51191](#)

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 5046-04A

Reference - Drawing Numbers

Application Specification 511910000-AS-000, 511910000-AS-001
Packaging Specification 50469200-SPK-200, SPK-5046-001-001
Product Specification 50510002-PS-000, 511910000-PS-000
Sales Drawing 50460002-000

This document was generated on 09/01/2022

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