

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 (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 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

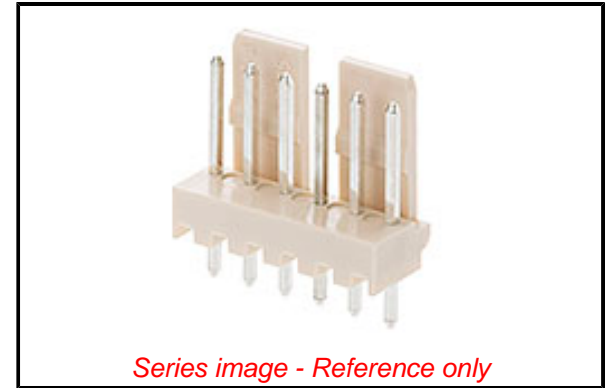
UL E29179

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 |
| 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 |
| Shrouded | Partial |
| Stackable | No |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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](#)

| | |
|------------------------------------|---|
| 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, PS-5045-002, PS-5051-005-001 |
| Sales Drawing | SD-5045-NA-001 |

This document was generated on 12/08/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[22-04-1141](#)