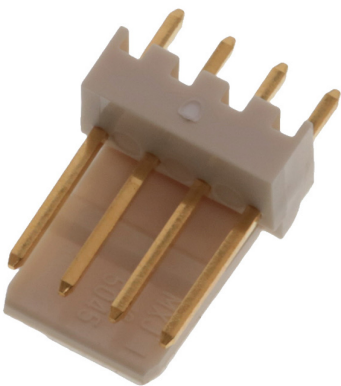





Part Number : [22111041](#)
Product Description : Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 4 Circuits, Gold (Au) Plating, Natural
Series Number : 5045
Status : Not Recommended For New Design
Product Category : PCB Headers and Receptacles
Engineering Number : 5045-04AG



Documents & Resources

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Not Recommended For New Design |
| Category | PCB Headers and Receptacles |
| Series | 5045 |
| Description | Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 4 Circuits, Gold (Au) Plating, Natural |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | KK,Mini-Latch |
| UPC | 800753733176 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Electrical

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

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 | Gold |

| | |
|--------------------------------|----------------|
| Material - Plating Termination | Gold |
| Material - Resin | Polyamide |
| Net Weight | 431.000/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Bag |
| PC Tail Length | 3.40mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 2.50mm |
| Pitch - Termination Interface | 2.50mm |
| Plating min - Mating | 0.356µm |
| Plating min - Termination | 0.356µm |
| Polarized to PCB | No |
| Shrouded | Partial |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

This document was generated on Apr 05, 2025