



Part Number : 22051032

Series Number : 5046

Product Category : PCB Headers and Receptacles

Product Description : Mini-Latch / KK Wire-to-Board Header, Right-Angle, with Friction Ramp, 3 Circuits, Tin (Sn) Plating, Natural

Status : New Business Not Supported

Engineering Number : 5046-03A


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## Documents & Resources

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### Product Environment Compliance

#### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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

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## Part Details

### General

Status	New Business Not Supported
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Category	PCB Headers and Receptacles
Series	5046
Description	Mini-Latch / KK Wire-to-Board Header, Right-Angle, with Friction Ramp, 3 Circuits, Tin (Sn) Plating, Natural
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Mini-Latch Wire-to-Board / Wire-to-Wire Connector System
Product Name	KK,Mini-Latch
UPC	800753591431

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	366.300/mg
Number of Rows	1
Orientation	Right Angle
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	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole