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**Part Number:** **0022051022**  
**Status:** **Active**  
**Overview:** Mini-Latch™ Wire-to-Board System  
**Description:** Mini-Latch™ Wire-to-Board Header, Right Angle, Friction Lock, 2 Circuits, Tin (Sn) Plating

**Documents:**

[3D Model](#) [Product Specification PS-51191-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5046-002-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

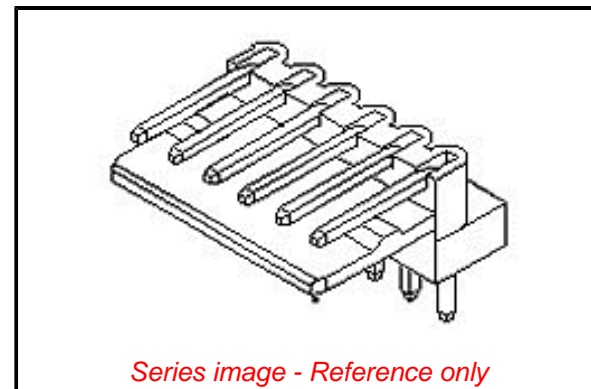
Product Family PCB Headers  
Series 5046  
Application Signal, Wire-to-Board  
Overview Mini-Latch™ Wire-to-Board System  
Product Name Mini-Latch™  
UPC 800753591417

**Physical**

Breakaway No  
Circuits (Loaded) 2  
Circuits (maximum) 2  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 234.200/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  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1.5A, 2.5A, 2.0A, 3.0A  
Voltage - Maximum 250V



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

5046 Series

**Mates With**

51191 KK® Wire-to-Board Header

**Material Info**

Engineering Number

5046-02A

**Reference - Drawing Numbers**

Product Specification

PS-5046-002-001, PS-51191-002

Sales Drawing

SD-5046-NA

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