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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 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

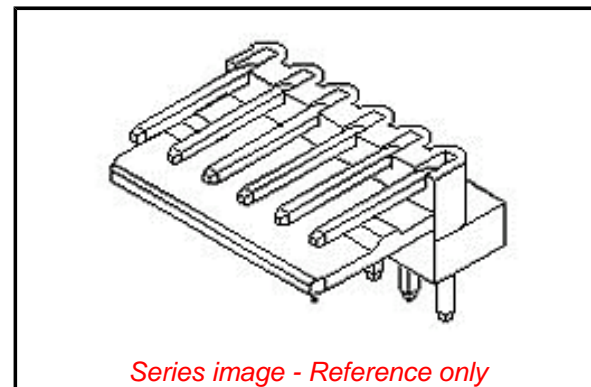
Product Family PCB Headers  
 Series 5046  
 Application Signal, Wire-to-Board  
 Overview [Mini-Latch™ Wire-to-Board System](#)  
 Product Name Mini-Latch™  
 UPC 800753591417

**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/79/2015 (17  
 December 2015)

**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

Green Image

Not Relevant

**Search Parts in this Series**

[5046 Series](#)

**Mates With**

[51191 KK® Wire-to-Board Header](#)

**Material Info**

Old Part Number

5046-02A

**Reference - Drawing Numbers**

Product Specification

PS-5046-002, PS-51191-002, RPS-51191-007

Sales Drawing

SD-5046-NA

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