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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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51191-002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-5046-001 (PDF)</a>
<a href="#">Product Specification PS-5046-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

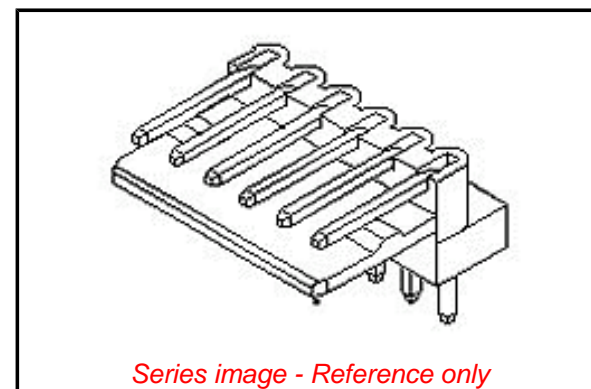
Product Family	PCB Headers
Series	5046
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Latch™ Wire-to-Board System</a>
Product Name	Mini-Latch™
UPC	800753591417

**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/39/2015 (15 June  
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**

Packaging Specification

SPK-5046-001

Product Specification

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

Sales Drawing

SD-5046-NA

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