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**Part Number:** [22-05-1022](#)  
**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**

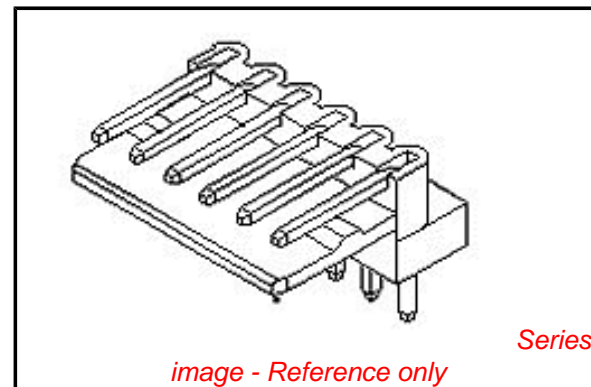
Product Family	PCB Headers
Series	5046
Application	Signal, Wire-to-Board
Overview	<u>Mini-Latch™ Wire-to-Board System</u>
Product Name	Mini-Latch™
UPC	800753591417

**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, 2A, 3A



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

5046Series

**Mates With**

51191 KK@ Wire-to-Board Header

Voltage - Maximum

250V

**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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