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**Part Number:** [0022051062](#)  
**Status:** **Active**  
**Overview:** [Mini-Latch Wire-to-Board System](#)  
**Description:** Mini-Latch Wire-to-Board Header, Right Angle, Friction Lock, 6 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="#">Application Specification 511910000-AS-000 (PDF)</a>
<a href="#">Product Specification 511910000-AS-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5046-002-001 (PDF)</a>	

**Agency Certification**

UL E29179

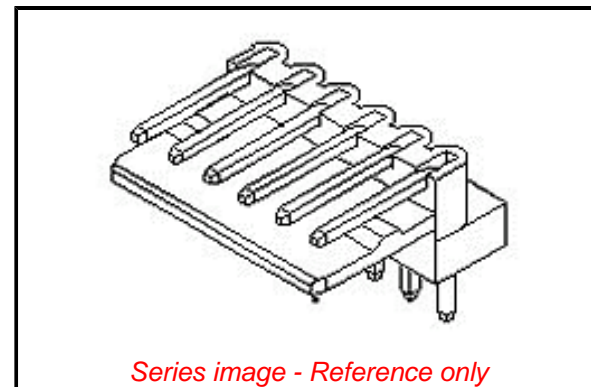
**General**

Product Family	PCB Headers
Series	<a href="#">5046</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Latch Wire-to-Board System</a>
Product Name	Mini-Latch
UPC	800753740396

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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
Net Weight	762.600/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**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
ED/01/2018 (15  
January 2018)  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o

**Halogen-Free**

**Status**

**Not 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[5046 Series](#)

**Mates With**

[51191 KK Wire-to-Board Header](#)

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

**Material Info**

Engineering Number 5046-06A

**Reference - Drawing Numbers**

Application Specification 511910000-AS-000  
Product Specification 511910000-AS-001, PS-5046-002-001, PS-51191-002  
Sales Drawing SD-5046-NA

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