

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5015681047](#)  
**Status:** **Active**  
**Overview:** Pico-Clasp Wire-to-Board Connectors  
**Description:** 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, Tin Plated, with Inner Positive Lock, 10 Circuits, Blue

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 5013300000-AS-000 (PDF)</a>
<a href="#">Product Specification 5013300000-PS-001 (PDF)</a>	<a href="#">Packaging Specification SPK-501568-002-001 (PDF)</a>
<a href="#">Product Specification 5013301000-PS-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">501568</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-Clasp Wire-to-Board Connectors</a>
Product Name	Pico-Clasp
UPC	800756911298

**Physical**

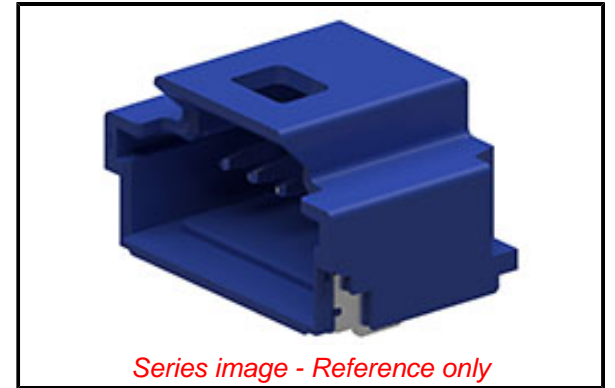
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Blue
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	213.200/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	100V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[501568](#) Series

**Mates With**

[501330](#) Pico-Clasp Wire-to-Board Female Housing

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

5013300000-AS-000  
SPK-501568-002-001  
5013300000-PS-001, 5013301000-PS-001  
SD-501568-002-001, SD-501568-006-001,  
SD-501568-006-002, SD-501568-006-003

This document was generated on 10/21/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**