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**Part Number:** [501568-0907](#)  
**Status:** **Active**  
**Overview:** [Pico-Clasp™](#)  
**Description:** 1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Right Angle, with Positive Lock, 9 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification SPK-501568-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501568-001 \(PDF\)](#)

**General**

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

**Physical**

Breakaway	No
Circuits (Loaded)	9
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
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
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

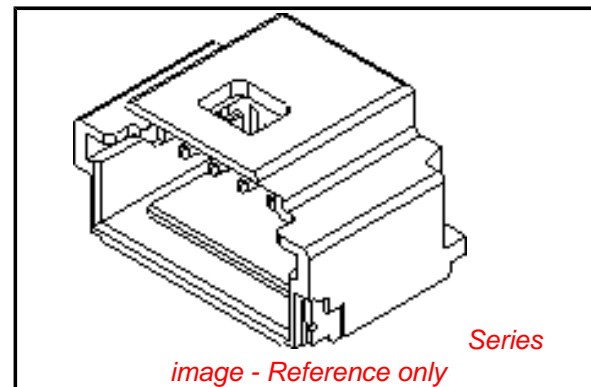
**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-501568-001
Product Specification	PS-501568-001, RPS-501331-001, RPS-501568-001, RPS-501568-002, RPS-501568-003, RPS-501568-004, RPS-501568-005, RPS-501568-009, RPS-501940-001, RPS-501940-002
Sales Drawing	SD-501568-002, SD-501568-006



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
Not Low-Halogen**

**China RoHS**



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environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[501568Series](#)

**Mates With**

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

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