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**Part Number:** [501571-4007](#)  
**Status:** **Active**  
**Overview:** [Pico-Clasp™](#)  
**Description:** 1.00mm Pitch Pico-Clasp™ Wire-to-Board PCB Header, Dual Row, Right Angle, 40 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-501571-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">501571</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-Clasp™</a>
Product Name	Pico-Clasp™
UPC	822348828388

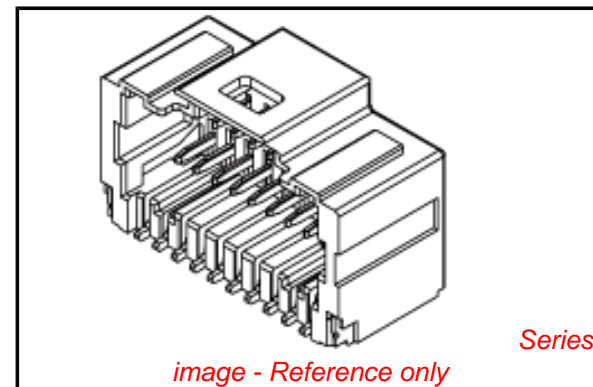
**Physical**

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	1084.000/mg
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.8A, 1A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**



**EU RoHS**

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

[501571Series](#)

**Mates With**

[501189 Pico-Clasp™ Wire-to-Board Female Housing](#)

## Reference - Drawing Numbers

Product Specification

PS-501571-001, RPS-501190-003, RPS-501190-008,  
RPS-501331-001, RPS-501571-005, RPS-501571-006,  
RPS-501571-007, RPS-501571-008, RPS-501571-009  
SD-501571-001, SD-501571-002

Sales Drawing

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