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**Part Number:** [5015712007](#)  
**Status:** **Active**  
**Overview:** Pico-Clasp™ Wire-to-Board Connectors  
**Description:** 1.00mm Pitch Pico-Clasp™ Wire-to-Board PCB Header, Dual Row, Right Angle, 20 Circuits

**Documents:**

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

**General**

Product Family	PCB Headers
Series	501571
Application	Signal, Wire-to-Board
Overview	Pico-Clasp™ Wire-to-Board Connectors
Product Name	Pico-Clasp™
UPC	822348828401

**Physical**

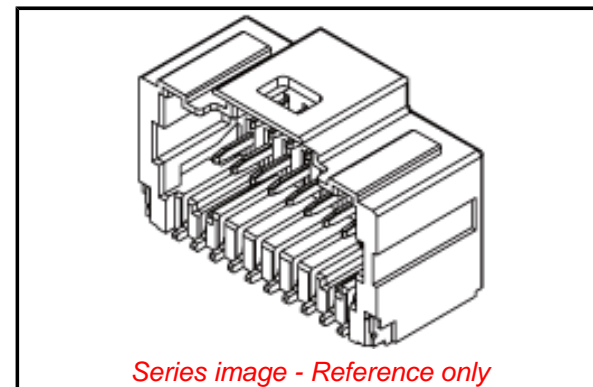
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	626.500/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 +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.8A, 1.0A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[501571](#) Series

**Mates With**

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

Product Specification

PS-501571-001, RPS-501190-003, RPS-501190-007,  
RPS-501190-008, RPS-501331-001, RPS-501571-005,  
RPS-501571-006, RPS-501571-007, RPS-501571-008,  
RPS-501571-009, RPS-501571-010  
SD-501571-001, SD-501571-002

Sales Drawing

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