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**Part Number:** [5015712007](#)  
**Status:** **Active**  
**Overview:** Pico-Clasp Wire-to-Board Connectors  
**Description:** 1.00mm Pitch, Pico-Clasp PCB Header, Dual Row, Right-Angle, Surface Mount, 0.10µm Gold Plated, Inner Positive Lock, 20 Circuits, Natural

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 5011891000-PS-001 (PDF)</a>
<a href="#">2D Drawing (DXF)</a>	<a href="#">Product Specification 5011891000-PS-CHI-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Specification 5011891000-PS-JAP-001 (PDF)</a>
<a href="#">2D Drawing DXF (PDF)</a>	<a href="#">Application Specification 5011890000-AS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 5015719200-SPK-200 (PDF)</a>
<a href="#">Product Specification 5011890000-PS-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

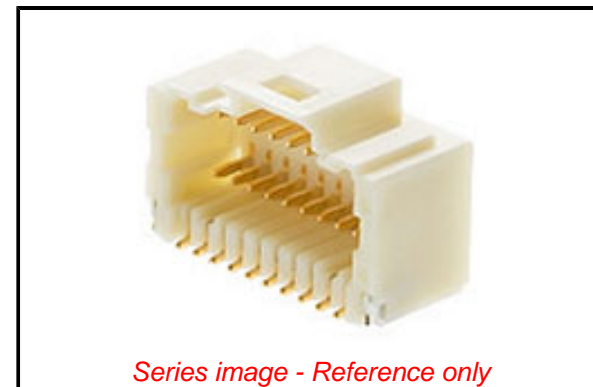
Product Family	PCB Headers
Series	<a href="#">501571</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-Clasp Wire-to-Board Connectors</a>
Product Name	Pico-Clasp
UPC	822348828401

**Physical**

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
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
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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[501571](#) Series

**Mates With**

Pico-Clasp Female Housing [501189](#)

**Material Info**

**Reference - Drawing Numbers**

Application Specification	5011890000-AS-000
Packaging Specification	5015719200-SPK-200
Product Specification	5011890000-PS-001, 5011891000-PS-001, 5011891000-PS-CHI-001, 5011891000-PS-JAP-001
Sales Drawing	5015710000-SD-000

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