

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

**Part Number:** [5011894010](#)  
**Status:** **Active**  
**Overview:** Pico-Clasp Wire-to-Board Connectors  
**Description:** 1.00mm Pitch, Pico-Clasp Receptacle Crimp Housing, Dual Row, Positive Lock, 40 Circuits, White

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification 5011890000-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 5011890000-AS-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-501189-001 (PDF)</a>
<a href="#">Product Specification 5011890000-PS-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5011890000-PS-002 (PDF)</a>	

**Agency Certification**

UL E29179

**Application tooling part link**

Application Tooling Part Link 63813-1700

**General**

Product Family	Crimp Housings
Series	<a href="#">501189</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Pico-Clasp Wire-to-Board Connectors</a>
Product Name	Pico-Clasp
UPC	822348789757

**Physical**

Breakaway	No
Circuits (maximum)	40
Color - Resin	White
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	261.100/mg
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

**Material Info**

**Reference - Drawing Numbers**

Application Specification	5011890000-AS-000, 5011890000-AS-001
Packaging Specification	SPK-501189-001
Product Specification	5011890000-PS-001, 5011890000-PS-002
Sales Drawing	5011890000-SD-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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**

[501189](#) Series

**Mates With**

[501190](#) , [203564](#) , [203565](#) PCB Header  
Vertical . [501571](#) , [203566](#) , [203567](#) PCB  
Header Right Angle

**Use With**

[501193](#) Crimp Terminal

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Extraction Tool	<a href="#">638131700</a>
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