

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

**Part Number:** **5011939000**  
**Status:** **Active**  
**Overview:** Pico-Clasp Wire-to-Board Connectors  
**Description:** 1.00mm Pitch, Pico-Clasp Female Crimp Terminal, Gold Plating 0.76µm, 28-32 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 5019390000-PS-003 (PDF)</a>
<a href="#">Product Specification 5011890000-PS-001 (PDF)</a>	<a href="#">Product Specification 5019391000-PS-001 (PDF)</a>
<a href="#">Product Specification 5011890000-PS-002 (PDF)</a>	<a href="#">Application Specification 5011890000-AS-000 (PDF)</a>
<a href="#">Product Specification 5011891000-PS-001 (PDF)</a>	<a href="#">Application Specification 5011890000-AS-001 (PDF)</a>
<a href="#">Product Specification 5013300000-PS-002 (PDF)</a>	<a href="#">Application Specification 5013300000-AS-000 (PDF)</a>
<a href="#">Product Specification 5013300000-PS-004 (PDF)</a>	<a href="#">Application Specification 5013300000-AS-001 (PDF)</a>
<a href="#">Product Specification 5013301000-PS-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5019390000-PS-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	501193
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Pico-Clasp Wire-to-Board Connectors</a>
Product Name	Pico-Clasp
UPC	193264224258

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	22.089/mg
Packaging Type	Reel
Plating min - Mating	0.760µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.80mm max.
Wire Size AWG	28, 30, 32
Wire Size mm <sup>2</sup>	N/A

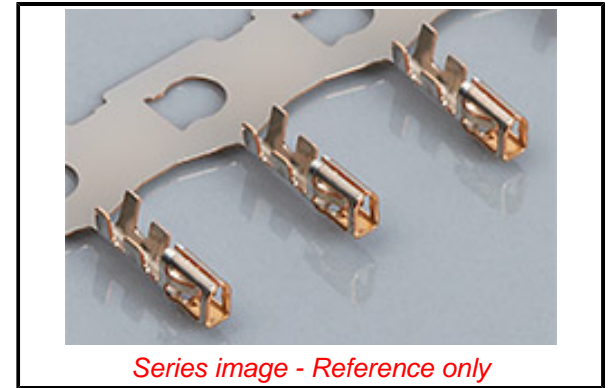
**Electrical**

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	5011890000-AS-000, 5011890000-AS-001, 5013300000-AS-000, 5013300000-AS-001
Crimp Specification	CS-501193-001-001
Product Specification	5011890000-PS-001, 5011890000-PS-002, 5011891000-PS-001, 5013300000-PS-002, 5013300000-PS-004, 5013301000-PS-002, 5019390000-PS-001, 5019390000-PS-003, 5019391000-PS-001
Sales Drawing	5011930000-SD-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

501193 Series

**Use With**

Receptacle Housing [501189](#) , [501330](#) ,  
[501939](#)

**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 #
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Extraction Tool for	<a href="#">638131700</a>
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Pico-Clasp Wire-to-Board Terminals, 28-32 AWG

Hand Crimp Tool	<a href="#">638191500</a>
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for 1.00mm Wire-to-Board Crimp Terminal, 28-32 AWG Wire

FineAdjust Applicator 639019400  
for 1.00mm Pitch  
Wire-to-Board Crimp  
Terminal  
T2 Terminator Die 639119400  
for 1.00mm Pitch  
Wire-to-Board Crimp  
Terminal

This document was generated on 04/06/2021

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