

This document was generated on 02/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5011937000**
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp Female Crimp Terminal, Gold Plating 0.10µm, 28-32 AWG, Reel

Documents:

3D Model	Product Specification 5019390000-PS-001 (PDF)
3D Model (PDF)	Product Specification 5019390000-PS-003 (PDF)
Drawing (PDF)	Product Specification 5019391000-PS-001 (PDF)
Product Specification 5011890000-PS-001 (PDF)	Product Specification 5019391000-PS-003 (PDF)
Product Specification 5011890000-PS-002 (PDF)	Product Specification 5019391000-PS-CHI-001 (PDF)
Product Specification 5011891000-PS-001 (PDF)	Product Specification 5019391000-PS-JAP-001 (PDF)
Product Specification 5011891000-PS-002 (PDF)	Application Specification 5011890000-AS-000 (PDF)
Product Specification 5011891000-PS-JAP-001 (PDF)	Application Specification 5011890000-AS-001 (PDF)
Product Specification 5013300000-PS-002 (PDF)	Application Specification 5013300000-AS-000 (PDF)
Product Specification 5013300000-PS-004 (PDF)	Application Specification 5013300000-AS-001 (PDF)
Product Specification 5013301000-PS-002 (PDF)	Packaging Specification SPK-501193-001-001 (PDF)
Product Specification 5013301000-PS-004 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5013301000-PS-JAP-002 (PDF)	

General

Product Family	Crimp Terminals
Series	501193
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	191130518524

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	8.600/mg
Packaging Type	Reel
Plating min - Mating	0.100µm
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 ²	N/A

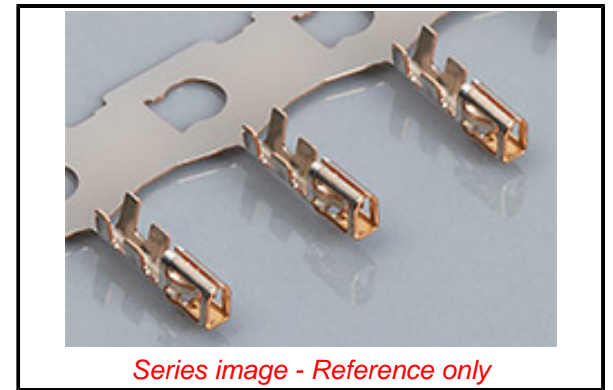
Electrical

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
Packaging Specification	SPK-501193-001-001
Product Specification	5011890000-PS-001, 5011890000-PS-002, 5011891000-PS-001, 5011891000-PS-002,



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

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 #
--------------------	------------------

Extraction Tool for	638131700
---------------------	---------------------------

Pico-Clasp Wire-to-Board Terminals, 28-32 AWG

Hand Crimp Tool	638191500
-----------------	---------------------------

for 1.00mm Wire-to-Board Crimp Terminal, 28-32 AWG Wire

Sales Drawing

5011891000-PS-JAP-001, 5013300000-PS-002,
5013300000-PS-004, 5013301000-PS-002,
5013301000-PS-004, 5013301000-PS-JAP-002,
5019390000-PS-001, 5019390000-PS-003,
5019391000-PS-001, 5019391000-PS-003,
5019391000-PS-CHI-001, 5019391000-PS-JAP-001
5011930000-SD-000

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 02/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[501193-7000](#)