



**Part Number :** [5011938000](#)

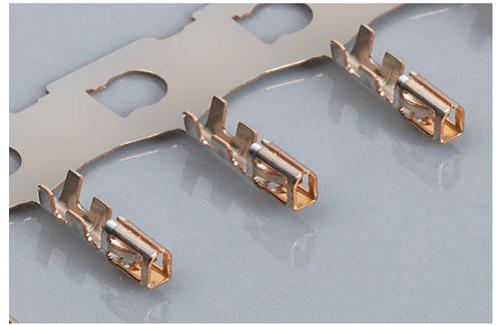
**Product Description :** 1.00mm Pitch, Pico-Clasp Female Crimp Terminal, Gold Plating 0.38µm, 32-28 AWG, Reel

**Series Number :** 501193

**Status :** Active

**Product Category :** Crimp Terminals

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## Documents & Resources

### Drawings

[5011938000\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[5011890000-AS-000.pdf](#)

[5011890000-AS-001.pdf](#)

[5013300000-AS-000.pdf](#)

[5013300000-AS-001.pdf](#)

[SPK-501193-001-001.pdf](#)

[5011890000-PS-001.pdf](#)

[5011890000-PS-002.pdf](#)

[5011891000-PS-001.pdf](#)

[5011891000-PS-002.pdf](#)

[5011891000-PS-CHI-001.pdf](#)

[5011891000-PS-JAP-001.pdf](#)

[5013300000-PS-002.pdf](#)

[5013300000-PS-004.pdf](#)

[5013301000-PS-002.pdf](#)

[5013301000-PS-004.pdf](#)

[5013301000-PS-CHI-002.pdf](#)

[5013301000-PS-JAP-002.pdf](#)

[5019390000-PS-001.pdf](#)

[5019390000-PS-003.pdf](#)

[5019391000-PS-001.pdf](#)

[5019391000-PS-003.pdf](#)

[5019391000-PS-CHI-001.pdf](#)

[5019391000-PS-JAP-001.pdf](#)

### **Tooling Specifications**

[5780163700ATP-E-000.pdf](#)

[5780163700ATS-000.pdf](#)

[ATP-578016-6000E-001.pdf](#)

[ATP-578016-6000JE-001.pdf](#)

[5780163700ATP-J-000.pdf](#)

[5780163700ATS-J-000.pdf](#)

[CS-501193-001-001.pdf](#)

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## **Product Environment Compliance**

### **Compliance**

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	501193
Description	1.00mm Pitch, Pico-Clasp Female Crimp Terminal, Gold Plating 0.38µm, 32-28 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	Pico-Clasp
UPC	193264224241

#### Electrical

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

#### 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	0.380µm
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

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Pico-Clasp Low-Halogen Dual Row Receptacle Housings	<u>501189</u>
Pico-Clasp Low-Halogen Single Row Receptacle Housings	<u>501330</u>
1.00mm Pitch, Pico-Clasp Low-Halogen Single Row Receptacle Housings	<u>501939</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Pico-Clasp Wire-to-Board Terminals, 32-28 AWG	<u>638131700</u>
Hand Crimp Tool for 1.00mm Wire-to-Board Crimp Terminal, 32-28 AWG Wire	<u>638191500</u>
T2 Terminator Die for 1.00mm Pitch Wire-to-Board Crimp Terminal	<u>639119400</u>
FA2 Mechanical Feed Crimp Applicator for Pico-Lock 1.0 Crimp Terminals, 32-28 AWG	<u>2130697400</u>

### Japan

Description	Part Number
S-1 Applicator for Pico-Clasp Receptacle Terminals, 32-28 AWG	<u>5780163700</u>