

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

**Part Number:** **5011938000**  
**Status:** **Active**  
**Overview:** Pico-Clasp Wire-to-Board Connectors  
**Description:** 1.00mm Pitch, Pico-Clasp Female Crimp Terminal, Gold Plating 0.38µm, 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="#">Application Specification 5011890000-AS-000 (PDF)</a> |
| <a href="#">Product Specification 5011890000-PS-002 (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 5019390000-PS-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (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                     | 193264224241                                        |

**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                  |

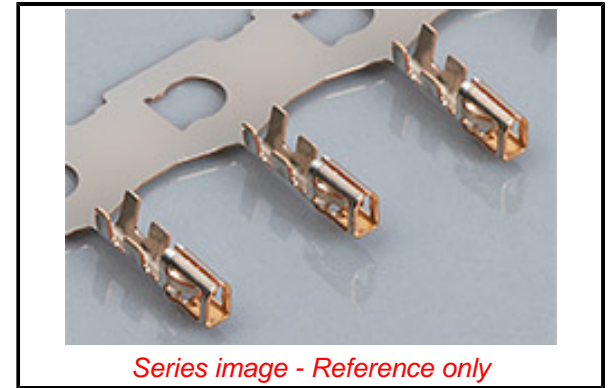
**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.5A            |
| Voltage - Maximum             | 50V 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, 5013300000-PS-002, 5013300000-PS-004, 5019390000-PS-001, 5019390000-PS-003 |
| Sales Drawing             | 5011930000-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**

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                                                         | <a href="#">638131700</a> |
| Hand Crimp Tool for 1.00mm Wire-to-Board Crimp Terminal, 28-32 AWG Wire | <a href="#">638191500</a> |
| FineAdjust Applicator for 1.00mm Pitch Wire-to-Board Crimp Terminal     | <a href="#">639019400</a> |

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

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