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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:

| | |
|---|---|
| Drawing (PDF) | Product Specification 5019390000-PS-003 (PDF) |
| Product Specification 5011890000-PS-001 (PDF) | Product Specification 5019391000-PS-001 (PDF) |
| Product Specification 5011890000-PS-002 (PDF) | Application Specification 5011890000-AS-000 (PDF) |
| Product Specification 5011891000-PS-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 5019390000-PS-001 (PDF) | RoHS Certificate of Compliance (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 |

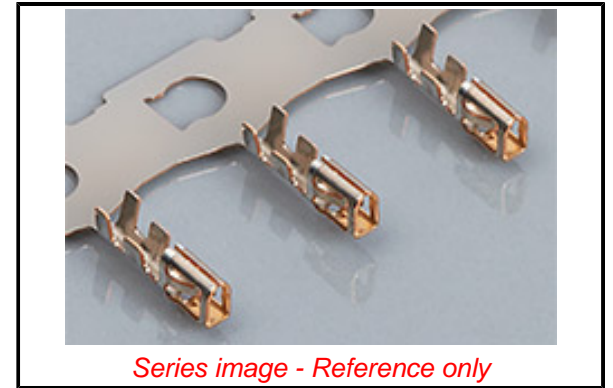
Electrical

| | |
|-------------------------------|------------------|
| 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, 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(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

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

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