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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:

- | | |
|---|---|
| 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) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5019390000-PS-001 (PDF) | |

General

Product Family	Crimp Terminals
Series	<u>501193</u>
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Pico-Clasp Wire-to-Board Connectors</u>
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 mm²	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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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 Pico-Clasp Wire-to-Board Terminals, 28-32 AWG	<u>638131700</u>
Hand Crimp Tool for 1.00mm Wire-to-Board Crimp Terminal, 28-32 AWG Wire	<u>638191500</u>

FineAdjust Applicator639019400
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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