



Part Number : [5011938000](#)

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

Series Number : 501193

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

[Drawing 5011938000_sd.pdf](#)

3D Models and Design Files

[3D Model 5011938000_stp.zip](#)

Specifications

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Tooling Specifications

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

[Application Tooling Specification 5780163700ATS-000.pdf](#)


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

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	501193
Description	1.00mm Pitch, Pico-Clasp Female Crimp Terminal, Gold Plating 0.38µm, 28-32 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	Pico-Clasp Wire-to-Board Connectors
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 ²	N/A

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>

Application Tooling

Global

Description	Part Number
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 Applicator for 1.00mm Pitch Wire-to-Board Crimp Terminal	<u>639019400</u>
T2 Terminator Die for 1.00mm Pitch Wire-to-Board Crimp Terminal	<u>639119400</u>

Application Tooling

Japan

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

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