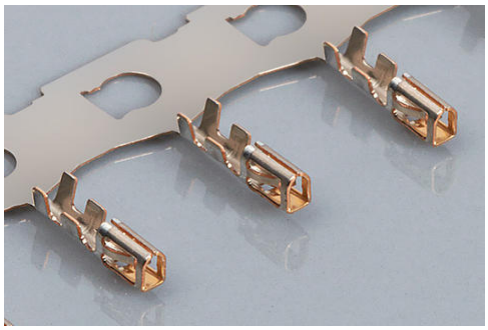
molex



Part Number : 5011939000
Product Description : 1.00mm Pitch, Pico-Clasp Female Crimp Terminal, 0.76µm Gold (Au) Plating, 32-28 AWG, Reel
Series Number : 501193
Status : Active
Product Category : Crimp Terminals

Documents and Resources

Drawings

5011939000_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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	501193
Description	1.00mm Pitch, Pico-Clasp Female Crimp Terminal, 0.76µm Gold (Au) Plating, 32-28 AWG, Reel
Application	Wire-to-Board
Product Name	Pico-Clasp
UPC	193264224258

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	0.760µm
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

Mates With / Use With

Use with Part(s)

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

Application Tooling

Global

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

Japan

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