



Part Number : [5037650098](#)

Product Description : 1.00mm Pitch, Pico-Lock
Female Crimp Terminal, Gold (Au) Plating, 30-28 AWG,
Reel

Series Number : 503765

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

[5037650098_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[AS-503764-001-001.pdf](#)

[SPK-503765-001-001.pdf](#)

[5037640000-PS-000.pdf](#)

[5037641001-PS-000.pdf](#)

[PS-503764-001-001.pdf](#)

Tooling Specifications

[5780823700ATP-E-000.pdf](#)

[5780823700ATS-000.pdf](#)

[5780823700ATP-J-000.pdf](#)

[5780823700ATS-J-000.pdf](#)

[CS-503765-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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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)4165-DC (25 June 2025)
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	503765
Description	1.00mm Pitch, Pico-Lock Female Crimp Terminal, Gold (Au) Plating, 30-28 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	Pico-Lock
UPC	887191353821

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	150V

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	7.040/mg
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.5 - 0.7mm
Wire Size (AWG)	28, 30
Wire Size mm ²	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
1.00mm Pitch, Pico-Lock Single Row Receptacle Housings	<u>503764</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for 1.00mm Pitch Pico-Lock Crimp Terminal, 30-28 AWG	<u>638275700</u>
FineAdjust Applicator for Pico-Lock 1.00mm Wire to Board Crimp Terminal, 30-28 AWG	<u>639033400</u>

Japan

Description	Part Number
S-1 Applicator for Pico-Lock Receptacle Terminal, 30-28 AWG	<u>5780823700</u>

