



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
[5037650098_stp.zip](#)

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
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	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

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>

Application Tooling

Japan

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