



Part Number : [5040520098](#)

Product Description : 1.50mm Pitch, Pico-Lock
Female Crimp Terminal, Gold (Au) Plating, 28-24 AWG,
Reel

Series Number : 504052

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

[5040520098_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[AS-504051-001-001.pdf](#)

[SPK-504052-001-001.pdf](#)

[5040510000-PS-000.pdf](#)

[5040511001-PS-000.pdf](#)

[PS-504051-001-001.pdf](#)

Tooling Specifications

[5781163600ATS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
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	504052
Description	1.50mm Pitch, Pico-Lock Female Crimp Terminal, Gold (Au) Plating, 28-24 AWG, Reel
Application	Power, Signal, Wire-to-Board, Wire-to-Wire
Product Name	Pico-Lock
UPC	884982939936

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	150V

Physical

Durability (mating cycles max)	30
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Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	17.545/mg
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.8 - 1.15mm
Wire Size (AWG)	24, 26, 28
Wire Size mm ²	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
1.50mm Pitch, Pico-Lock Single Row Receptacle Housings	<u>504051</u>

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
Hand Crimp Tool for 1.50mm Pitch Pico-Lock Crimp Terminals	<u>638270800</u>
FineAdjust Applicator for Pico-Lock Terminals, 28-24 AWG UL1061 Wire with Insulation Diameter 0.80-1.15mm	<u>639028700</u>

Japan

Description	Part Number
S-1 Applicator for Pico-Lock Receptacle Terminal, 28-24 AWG	<u>5781163700</u>