



Part Number : [5040520298](#)
Product Description : 1.50mm Pitch, Pico-Lock
Female Crimp Terminal, Gold (Au) Plating, 32-
30 AWG, Reel
Series Number : 504052
Status : Active
Product Category : Crimp Terminals
Engineering Number : NT501-6872



Documents & Resources

Drawings

[Drawing 5040520298_sd.pdf](#)

3D Models and Design Files

[3D Model 5040520298_stp.zip](#)

Specifications

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

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

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


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

Tooling Specifications

[Application Tooling Specification 5781163610ATS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
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	504052
Description	1.50mm Pitch, Pico-Lock Female Crimp Terminal, Gold (Au) Plating, 32-30 AWG, Reel
Application	Power, Signal, Wire-to-Board, Wire-to-Wire
Product Family	Pico-Lock Connector System
Product Name	Pico-Lock
UPC	884982939943

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	150V

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	0.040/g
Packaging Type	Reel

Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.54 - 0.80mm
Wire Size (AWG)	30, 32
Wire Size mm ²	N/A

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>
PremiumGrade Hand Crimp Tool for Pico-Lock Female Terminals, 32-30 AWG	<u>638270900</u>
FineAdjust Applicator for 1.5 Wire-to-Board Receptacle Terminals	<u>639029200</u>

Application Tooling

Japan

Description	Part Number
S-1 Applicator for Pico-Lock Receptacle Terminal, 32-30 AWG	<u>5781163710</u>