

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 Part Number : NT501-6872

Documents and Resources

Drawings

5040520298_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

5781163610ATS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21

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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	504052
Description	1.50mm Pitch, Pico-Lock Female Crimp Terminal, Gold (Au) Plating, 32-30 AWG, Reel
Application	Wire-to-Board
Keyword	Pico-Lock 1.5
Product Name	Pico-Lock
UPC	884982939943

Electrical

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

Physical

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Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	0.040/g
Packaging Type	Reel
Plating min - Mating	0.100µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.54-0.80mm
Wire Size (AWG)	30, 32
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	504051

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	638132700
PremiumGrade Hand Crimp Tool for Pico-Lock Female Terminals, 32-30 AWG	638270900
FineAdjust Applicator for 1.5 Wire-to-Board Receptacle Terminals	639029200

Japan

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

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