

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5040520298**
Status: **Active**
Overview: Pico-Lock Connector System
Description: 1.50mm Pitch, Pico-Lock Female Crimp Terminal, Gold (Au) Plating, 30-32 AWG, Reel

Documents:

3D Model	Product Specification PS-504051-001-001 (PDF)
Drawing (PDF)	Application Specification AS-504051-001-001 (PDF)
3D Model (PDF)	Packaging Specification SPK-504052-001-001 (PDF)
Product Specification 5040511001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	<u>504052</u>
Application	Power, Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Pico-Lock Connector System</u>
Product Name	Pico-Lock
Taxonomy	Crimp Terminals
UPC	884982939943

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

Electrical

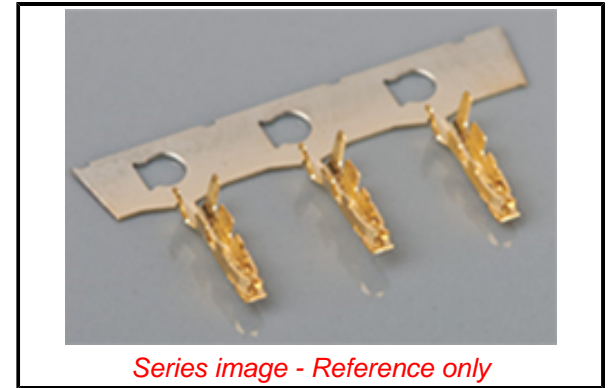
Current - Maximum per Contact	1.0A
Voltage - Maximum	150V

Material Info

Engineering Number	NT501-6872
--------------------	------------

Reference - Drawing Numbers

Application Specification	AS-504051-001-001
Application Tooling Documents	5781163610ATS-000
Packaging Specification	SPK-504052-001-001
Product Specification	5040511001-PS-000, PS-504051-001-001
Sales Drawing	5040520000-SD-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

504052 Series

Use With

504051 1.50mm Pitch Pico-Lock Crimp Housing

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
-------------	-----------

Extraction and	<u>638132700</u>
----------------	------------------

Activation Tool	
-----------------	--

PremiumGrade	<u>638270900</u>
--------------	------------------

Hand Crimp Tool for	
---------------------	--

Pico-Lock Female	
------------------	--

Terminals, 30-32	
------------------	--

AWG	
-----	--

FineAdjust Applicator	<u>639029200</u>
-----------------------	------------------

for 1.5 Wire-to-	
------------------	--

Board Receptacle
Terminals

Japan

Description

Product #

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

This document was generated on 01/02/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION