

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5040520098**  
**Status:** **Active**  
**Overview:** Pico-Lock Connector System  
**Description:** 1.50mm Pitch, Pico-Lock Female Crimp Terminal, Gold (Au) Plating, 24-28 AWG, Reel

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-504051-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-504051-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-504052-001-001 (PDF)</a>
<a href="#">Product Specification 5040511001-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**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	884982939936

**Physical**

Durability (mating cycles max)	30
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 <sup>2</sup>	N/A

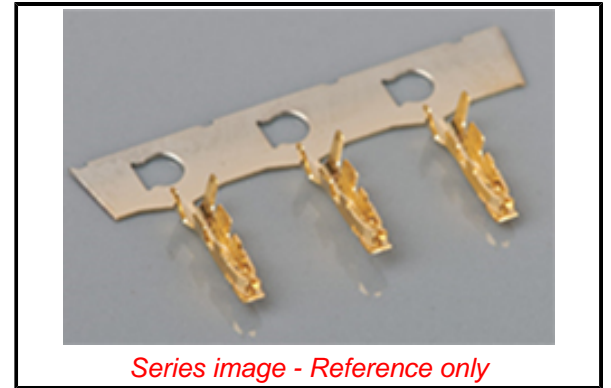
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-504051-001-001
Application Tooling Documents	5781163600ATS-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**

**Compliant**

**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

Compliant

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

**Japan**

**Description**

**Product #**

S-1 Applicator  
for Pico-Lock  
Receptacle Terminal,  
24-28 AWG

5781163700

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