

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

**Part Number:** **5037650098**  
**Status:** **Active**  
**Overview:** Pico-Lock Connector System  
**Description:** 1.00mm Pitch, Pico-Lock Female Crimp Terminal, Gold (Au) Plating, 28-30 AWG, Reel

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-503764-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-503764-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-503765-001-001 (PDF)</a>
<a href="#">Product Specification 5037641001-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<u>503765</u>
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>Pico-Lock Connector System</u>
Product Name	Pico-Lock
UPC	887191353821

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	7.040/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.5 - 0.7mm
Wire Size AWG	28, 30
Wire Size mm <sup>2</sup>	N/A

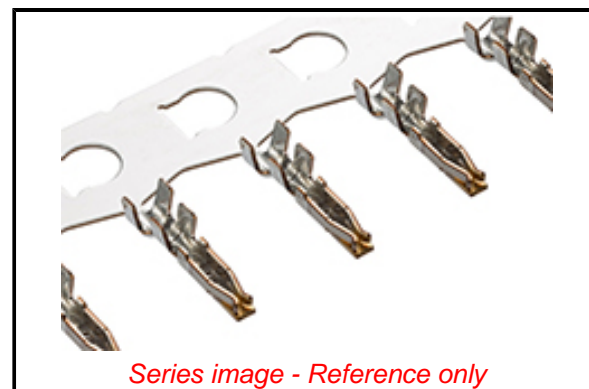
**Electrical**

Current - Maximum per Contact	1.5A
Voltage - Maximum	150V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-503764-001-001
Crimp Specification	CS-503765-001-001
Packaging Specification	SPK-503765-001-001
Product Specification	5037641001-PS-000, PS-503764-001-001
Sales Drawing	5037650000-SD-000



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

503765 Series

**Use With**

503764 1.00mm 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 #**

Hand Crimp Tool for [638275700](#)

1.00mm Pitch Pico-Lock Crimp Terminal, AWG 28-30

FineAdjust Applicator [639033400](#)

for Pico-Lock 1.00mm Wire to Board Crimp Terminal, 28-30 AWG

**Japan**

**Description**

**Product #**

S-1 Applicator

5780823700

for Pico-Lock

Receptacle Terminal,

28-30 AWG

This document was generated on 12/21/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**