

**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™ Crimp Terminal, Reel, AWG 28-30

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-503764-002 (PDF)</a>
<a href="#">Product Specification 5037640000 (PDF)</a>	<a href="#">Packaging Specification SPK-503765-001 (PDF)</a>
<a href="#">Application Specification AS-503764-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	503765
Application	Power, Signal
Crimp Quality Equipment	Yes
Overview	Pico-Lock™ Connector System
Product Name	Pico-Lock™
UPC	887191353821

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Net Weight	7.040/mg
Packaging Type	Reel
Wire Insulation Diameter	0.5 - 0.7mm
Wire Size AWG	28, 30
Wire Size mm²	N/A

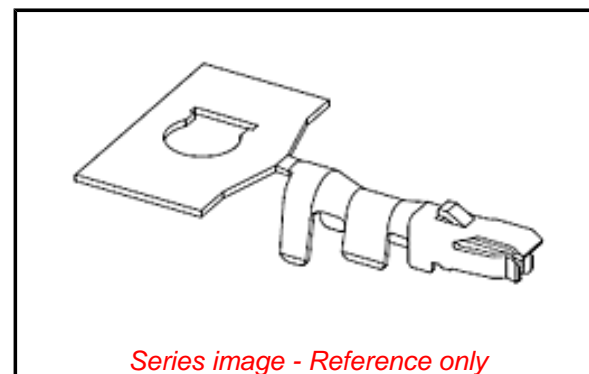
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-503764-001, AS-503764-002
Crimp Specification	CS-503765-001
Packaging Specification	SPK-503765-001
Product Specification	5037640000
Sales Drawing	SD-503765-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**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**

<b>Description</b>	<b>Product #</b>
--------------------	------------------

FineAdjust™ Applicator for Pico- Lock™ 1.00mm Wire to Board Crimp Terminal, 28-30 AWG	<a href="#">0639033400</a>
--	----------------------------

Hand Crimp Tool 0638275700  
for 1.00mm Pitch  
Pico-Lock™ Crimp  
Terminal, AWG  
28-30

This document was generated on 03/30/2016

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