

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

**Part Number:** **5054311000**  
**Status:** **Active**  
**Overview:** Micro-Lock Plus Wire-to-Board Connector System  
**Description:** Micro-Lock PLUS 1.25mm Pitch Receptacle Terminal, Tin, 26-30 AWG

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 2045320000-AS-001 (PDF)</a>
<a href="#">Product Specification 2045230000-PS-000 (PDF)</a>	<a href="#">Application Specification AS-505432-001-001 (PDF)</a>
<a href="#">Product Specification 2045320000-PS-000 (PDF)</a>	<a href="#">Application Specification AS-505432-002-001 (PDF)</a>
<a href="#">Product Specification 5054320000-002 (PDF)</a>	<a href="#">Application Specification AS-505565-002-001 (PDF)</a>
<a href="#">Product Specification 5055650000-000 (PDF)</a>	<a href="#">Packaging Specification 5054319200-200 (PDF)</a>
<a href="#">Application Specification 2045230000-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 2045230000-AS-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification 2045320000-AS-000 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	505431
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>Micro-Lock Plus Wire-to-Board Connector System</u>
Product Literature Order No	987651-4888
Product Name	Micro-Lock PLUS
UPC	889056302913

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	35.437/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.78-1.02mm
Wire Size AWG	26, 28, 30
Wire Size mm <sup>2</sup>	0.049-0.136

**Electrical**

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2045230000-AS-000, 2045230000-AS-001, 2045320000-AS-000, 2045320000-AS-001, AS-505432-001-001, AS-505432-002-001, AS-505565-002-001
Crimp Specification	CS-505431-001-001
Packaging Specification	5054319200-200
Product Specification	2045230000-PS-000, 2045320000-PS-000, 5054320000-002, 5055650000-000
Sales Drawing	5054311000-SD-000

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

505431 Series

**Use With**

Micro-Lock PLUS Receptacle Housing  
505432 , 505565

**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 Micro-Lock PLUS 1.25mm Pitch Wire-to-Board Receptacle Terminals, 26-30 AWG, UL1061 wire Fine Adjust	<a href="#">2002180300</a>
Applicator for Micro-Lock PLUS, 1.25mm (.049") Wire to Board	<a href="#">639042300</a>

Crimp Terminal,  
26-30 AWG

**Japan**

**Description**

**Product #**

S-1 Applicator for  
Micro-Lock Plus  
Terminals, 26-30  
AWG

5781463700

This document was generated on 02/21/2019

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[505431-1000](#) [505431-1100](#)