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**Part Number:** **5054311000**  
**Status:** **Active**  
**Overview:** Micro-Lock Plus Connector System  
**Description:** Micro-Lock Plus Female Crimp Terminal, Tin (Sn) Plating, 26-30 AWG, Reel

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification 5054320000-002 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification 5054320000-005 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 5054321000-PS-002 (PDF)</a>
<a href="#">Product Specification 2045230000-PS-000 (PDF)</a>	<a href="#">Product Specification 5055650000-000 (PDF)</a>
<a href="#">Product Specification 2045230001-PS-000 (PDF)</a>	<a href="#">Product Specification 5055650003-PS-000 (PDF)</a>
<a href="#">Product Specification 2045231001-PS-000 (PDF)</a>	<a href="#">Product Specification 5055651000-PS-000 (PDF)</a>
<a href="#">Product Specification 2045320000-PS-000 (PDF)</a>	<a href="#">Application Specification 5054320000-AS-000 (PDF)</a>
<a href="#">Product Specification 2045320001-PS-000 (PDF)</a>	<a href="#">Application Specification 5055650000-AS-000 (PDF)</a>
<a href="#">Product Specification 2045321001-PS-000 (PDF)</a>	<a href="#">Application Specification AS-505432-001-001 (PDF)</a>
<a href="#">Product Specification 2145260000-PS-000 (PDF)</a>	<a href="#">Application Specification AS-505565-001-001 (PDF)</a>
<a href="#">Product Specification 2145260001-PS-000 (PDF)</a>	<a href="#">Packaging Specification 5054319200-200 (PDF)</a>
<a href="#">Product Specification 2145260002-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2145270000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2145270001-PS-000 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	505431
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>Micro-Lock Plus Connector System</u>
Product Name	Micro-Lock Plus
Taxonomy	Crimp Terminals
UPC	889056302913

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	16.620/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	5054320000-AS-000, 5055650000-AS-000, AS-505432-001-001, AS-505565-001-001
Crimp Specification	CS-505431-001-001
Packaging Specification	5054319200-200
Product Specification	2045230000-PS-000, 2045230001-PS-000, 2045231001-PS-000, 2045320000-PS-000, 2045320001-PS-000, 2045321001-PS-000,

**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**

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 Extraction and Activation Tool	<a href="#">2002180300</a>
FineAdjust Applicator for Micro-Lock Plus,	<a href="#">638132700</a>
	<a href="#">639042300</a>

Sales Drawing

2145260000-PS-000, 2145260001-PS-000,  
2145260002-PS-000, 2145270000-PS-000,  
2145270001-PS-000, 5054320000-002,  
5054320000-005, 5054321000-PS-002,  
5055650000-000, 5055650003-PS-000, 5055651000-  
PS-000  
5054311000-SD-000

1.25mm (.049")  
Wire to Board Crimp  
Terminal, 26-30  
AWG

**Japan**

**Description**

**Product #**

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

5781463700

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