

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

**Part Number:** [5054311100](#)  
**Status:** **Active**  
**Overview:** Micro-Lock Plus Connector System  
**Description:** Micro-Lock Plus Female Crimp Terminal, Gold (Au) Plating, 26-30 AWG, Reel

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Product Specification 5055651002-PS-000 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Application Specification 5054320000-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification 5055650000-AS-000 (PDF)</a> |
| <a href="#">Product Specification 2045320000-PS-001 (PDF)</a> | <a href="#">Application Specification AS-505432-001-001 (PDF)</a> |
| <a href="#">Product Specification 2045321000-PS-001 (PDF)</a> | <a href="#">Application Specification AS-505565-001-001 (PDF)</a> |
| <a href="#">Product Specification 5054320000-006 (PDF)</a>    | <a href="#">Packaging Specification 5054319200-200 (PDF)</a>      |
| <a href="#">Product Specification 5054321000-PS-006 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                                   |
| <a href="#">Product Specification 5055650002-000 (PDF)</a>    | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                                  |
| Series                  | <a href="#">505431</a>                           |
| Application             | Signal, Wire-to-Board                            |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Micro-Lock Plus Connector System</a> |
| Product Name            | Micro-Lock Plus                                  |
| Taxonomy                | Crimp Terminals                                  |
| UPC                     | 889056853989                                     |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Copper Alloy         |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 35.434/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          |

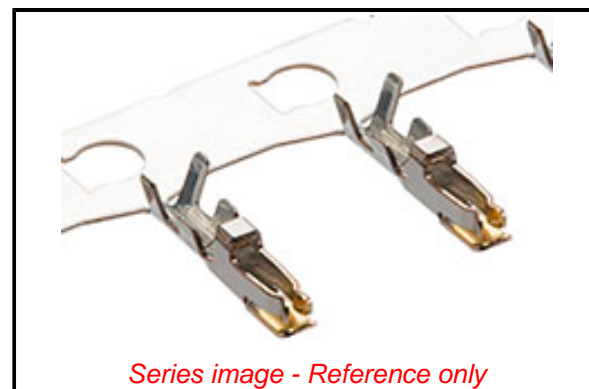
**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| 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     | 2045320000-PS-001, 2045321000-PS-001, 5054320000-006, 5054321000-PS-006, 5055650002-000, 5055651002-PS-000 |
| Sales Drawing             | 5054311100-SD-000  |



Series image - Reference only

**EU ELV**

**Not Relevant**

**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

Not Relevant

Not Contained

**Search Parts in this Series**

[505431](#) Series

**Use With**

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

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

This document was generated on 12/29/2022

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