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

**Documents:**

- [Drawing \(PDF\)](#)  
[Product Specification 2045230000-PS-000 \(PDF\)](#)  
[Product Specification 2045230001-PS-000 \(PDF\)](#)  
[Product Specification 2045231001-PS-000 \(PDF\)](#)  
[Product Specification 2045320000-PS-000 \(PDF\)](#)  
[Product Specification 2045320001-PS-000 \(PDF\)](#)  
[Product Specification 2045321001-PS-000 \(PDF\)](#)  
[Product Specification 5054320000-002 \(PDF\)](#)  
[Product Specification 5054320000-005 \(PDF\)](#)  
[Product Specification 5054321000-PS-002 \(PDF\)](#)
- [Product Specification 5054321000-PS-006 \(PDF\)](#)  
[Product Specification 5055650000-000 \(PDF\)](#)  
[Product Specification 5055651000-PS-000 \(PDF\)](#)  
[Product Specification 5055651002-PS-000 \(PDF\)](#)  
[Application Specification AS-505432-001-001 \(PDF\)](#)  
[Application Specification AS-505565-001-001 \(PDF\)](#)  
[Packaging Specification 5054319200-200 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)  
[Product Literature \(PDF\)](#)

**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 Wire-to-Board Connector System</a> |
| 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                     | 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 mm²                  | 0.049-0.136          |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Specification | 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, 5054320000-002, 5054320000-005, 5054321000-PS-002, 5054321000-PS-006, 5055650000-000, 5055651000-PS-000, 5055651002-PS-000 |
| Sales Drawing             | 5054311000-SD-000                                                                                                                                                                                                                            |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

**China RoHS**

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | 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,<br>26-30 AWG                                     |                   |
|------------------------------------------------------------------|-------------------|
| Japan                                                            |                   |
| Description                                                      | Product #         |
| S-1 Applicator for<br>Micro-Lock Plus<br>Terminals, 26-30<br>AWG | <u>5781463700</u> |

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