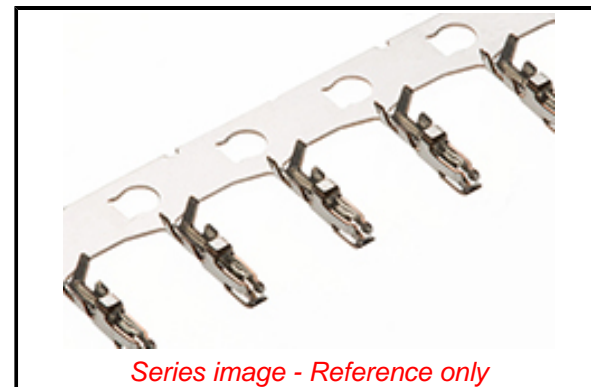


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**Part Number:** **5054311000**  
**Status:** **Active**  
**Overview:** Micro-Lock Plus Wire-to-Board Connector System  
**Description:** Micro-Lock PLUS Receptacle Terminal, Tin, 26-30 AWG

**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                      | <u>505431</u>   |
| Application                 | Signal  |
| 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, SD-505431-001  |

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**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      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[505431](#) Series

**Use With**

Micro-Lock PLUS Receptacle Housing  
[505432](#) , [505565](#)

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