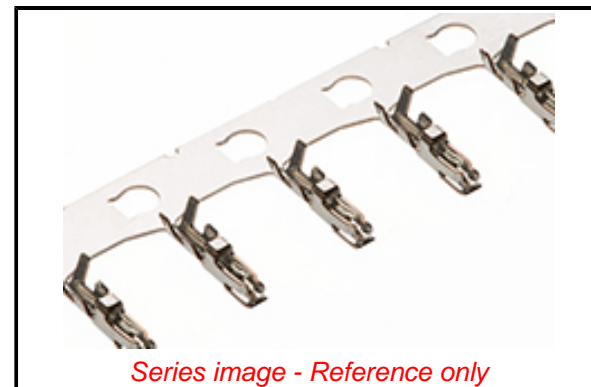


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

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

**Documents:**

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



*Series image - Reference only*

**General**

Product Family	Crimp Terminals
Series	505431
Application	Signal
Crimp Quality Equipment	Yes
Overview	Micro-Lock Plus Wire-to-Board Connector System
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	AS-505432-001-001, AS-505432-002-001, AS-505565-002-001
Packaging Specification	5054319200-200
Product Specification	5054320000-002, 5055650000-000
Sales Drawing	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