

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5054311200**

Status: **Active**

Overview: Micro-Lock Plus Wire-to-Board Connector System

Description: Micro-Lock Plus Female Crimp Terminal, 0.38µm Gold (Au) Plating, 26-30 AWG, Reel

Documents:

[Drawing \(PDF\)](#)

[Product Specification 5054320000-006 \(PDF\)](#)

[Product Specification 5054321000-PS-006 \(PDF\)](#)

[Product Specification 5055650002-000 \(PDF\)](#)

[Product Specification 5055651002-PS-000 \(PDF\)](#)

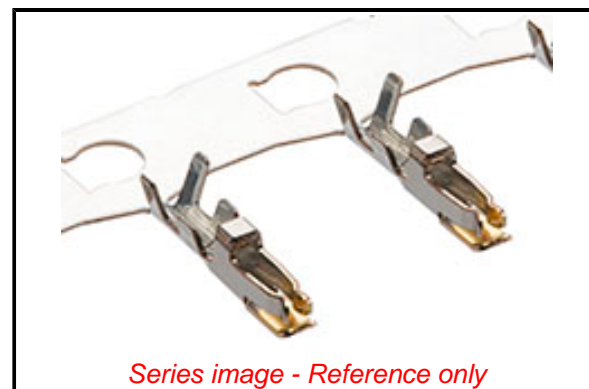
[Application Specification AS-505432-001-001 \(PDF\)](#)

[Application Specification AS-505565-001-001 \(PDF\)](#)

[Packaging Specification 5054319200-200 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)



Series image - Reference only

General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 505431 |
| Application | Signal, Wire-to-Board |
| Crimp Quality Equipment | Yes |
| Overview | <u>Micro-Lock Plus Wire-to-Board Connector System</u> |
| Product Name | Micro-Lock Plus |
| UPC | 193264124954 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| 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 ² | 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 |
| Packaging Specification | 5054319200-200 |
| Product Specification | 5054320000-006, 5054321000-PS-006, 5055650002-000, 5055651002-PS-000 |
| Sales Drawing | 5054311100-SD-000 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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
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 | 2002180300 |
| Fine Adjust Applicator for Micro-Lock Plus, 1.25mm (.049") Wire to Board | 639042300 |

This document was generated on 09/21/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)