

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5054311000

Status:

Active

Overview:

Micro-Lock Plus Wire-to-Board Connector System

Description:

1.25mm Pitch, Micro-Lock Plus Female Crimp Terminal, Tin (Sn) Plating, 26-30 AWG, Reel



Series image - Reference only

Documents:

- Drawing (PDF)

Product Specification 2045230000-PS-000 (PDF)

Product Specification 2045320000-PS-000 (PDF)

Product Specification 2045320001-PS-000 (PDF)

Product Specification 5054320000-002 (PDF)

Product Specification 5054320000-005 (PDF)
- Product Specification 5055650000-000 (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	505431
Application	Signal, Wire-to-Board
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	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, 2045320000-PS-000, 2045320001-PS-000, 5054320000-002, 5054320000-005, 5055650000-000
Sales Drawing	5054311000-SD-000

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
ED/71/2019 (16 July  
2019)

Halogen-Free

Status

Low-Halogen

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

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

Crimp Terminal, 26-30 AWG	
Japan	
Description	Product #
S-1 Applicator for Micro-Lock Plus Terminals, 26-30 AWG	<u>5781463700</u>

This document was generated on 10/07/2019

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[505431-1000](#) [505431-1100](#)