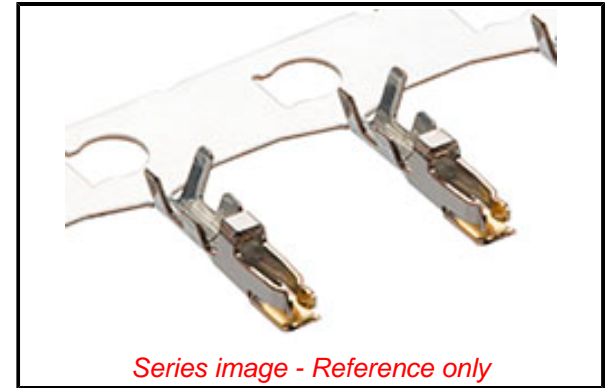


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5054311200](#)
Status: **Active**
Overview: [Micro-Lock Plus Connector System](#)
Description: [Micro-Lock Plus Female Crimp Terminal, 0.38µm Gold \(Au\) Plating, 26-30 AWG, Reel](#)

Documents:

3D Model	Application Specification 5054320000-AS-000 (PDF)
3D Model (PDF)	Application Specification 5055650000-AS-000 (PDF)
Drawing (PDF)	Application Specification AS-505432-001-001 (PDF)
Product Specification 2045320000-PS-001 (PDF)	Application Specification AS-505565-001-001 (PDF)
Product Specification 5054320000-006 (PDF)	Packaging Specification 5054319200-200 (PDF)
Product Specification 5054321000-PS-006 (PDF)	Datasheet (PDF)
Product Specification 5055650002-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5055651002-PS-000 (PDF)	



General

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

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	35.800/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	5054320000-AS-000 , 5055650000-AS-000 , AS-505432-001-001 , AS-505565-001-001
Packaging Specification	5054319200-200
Product Specification	2045320000-PS-001 , 5054320000-006 , 5054321000-PS-006 , 5055650002-000 , 5055651002-PS-000 5054311100-SD-000
Sales Drawing	

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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 Extraction and Activation Tool	2002180300
FineAdjust Applicator for Micro-Lock Plus,	638132700

1.25mm (.049")
Wire to Board Crimp
Terminal, 26-30
AWG

This document was generated on 02/21/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION