



Part Number : [5054311000](#)

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

Series Number : 505431

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

[5054311000_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[5054320000-AS-000.pdf](#)

[5055650000-AS-000.pdf](#)

[5054319200-200.pdf](#)

[2045230000-PS-000.pdf](#)

[2045230001-PS-000.pdf](#)

[2045231001-PS-000.pdf](#)

[2045320000-PS-000.pdf](#)

[2045320001-PS-000.pdf](#)

[2045320002-PS-000.pdf](#)

[2045321001-PS-000.pdf](#)

[2145260000-PS-000.pdf](#)

[2145260001-PS-000.pdf](#)

[2145260002-PS-000.pdf](#)

[2145260003-PS-000.pdf](#)

[2145270000-PS-000.pdf](#)

[2145270001-PS-000.pdf](#)

[5054320000-002.pdf](#)

[5054320000-005.pdf](#)

[5054321000-PS-002.pdf](#)

[5055650000-000.pdf](#)

[5055650003-PS-000.pdf](#)

[5055651000-PS-000.pdf](#)

Tooling Specifications

[CS-505431-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	505431
Description	Micro-Lock Plus Female Crimp Terminal, 1.25mm Pitch, Matte Tin (Sn) Plating, 30-26 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	Micro-Lock Plus
UPC	889056302913

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	16.620/mg
Packaging Type	Reel
Plating min - Mating	0.700µm
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

Mates With / Use With

Use with Part(s)

Description	Part Number
1.25mm Pitch, Micro-Lock Plus Dual Row Receptacle Housings	<u>505432</u>
1.25mm Pitch, Micro-Lock Plus Single Row Receptacle Housings	<u>505565</u>

1.25mm Pitch Micro-Lock Plus TPA Type Dual Row Receptacle Housings	<u>214527</u>
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Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Micro-Lock Plus 1.25mm Pitch Wire-to-Board Receptacle Terminals, 30-26 AWG, UL1061 wire	<u>2002180300</u>
Extraction and Activation Tool	<u>638132700</u>
FineAdjust Applicator for Micro-Lock Plus, 1.25mm (.049") Wire to Board Crimp Terminal, 30-26 AWG	<u>639042300</u>

Japan

Description	Part Number
S-1 Applicator for Micro-Lock Plus Terminals, 30-26 AWG	<u>5781463700</u>