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Part Number: [5054311000](#)
Status: **Active**
Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)
Description: [Micro-Lock Plus Female Crimp Terminal, Tin \(Sn\) Plating, 26-30 AWG, Reel](#)

Documents:

Drawing (PDF)	Product Specification 5054321000-PS-006 (PDF)
Product Specification 2045230000-PS-000 (PDF)	Product Specification 5055650000-000 (PDF)
Product Specification 2045230001-PS-000 (PDF)	Product Specification 5055651000-PS-000 (PDF)
Product Specification 2045231001-PS-000 (PDF)	Product Specification 5055651002-PS-000 (PDF)
Product Specification 2045320000-PS-000 (PDF)	Application Specification AS-505432-001-001 (PDF)
Product Specification 2045320001-PS-000 (PDF)	Application Specification AS-505565-001-001 (PDF)
Product Specification 2045321001-PS-000 (PDF)	Packaging Specification 5054319200-200 (PDF)
Product Specification 5054320000-002 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5054320000-005 (PDF)	Product Literature (PDF)
Product Specification 5054321000-PS-002 (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 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 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
Crimp Specification	CS-505431-001-001
Packaging Specification	5054319200-200
Product Specification	2045230000-PS-000, 2045230001-PS-000, 2045231001-PS-000, 2045320000-PS-000, 2045320001-PS-000, 2045321001-PS-000, 5054320000-002, 5054320000-005, 5054321000-PS-002, 5054321000-PS-006, 5055650000-000, 5055651000-PS-000, 5055651002-PS-000
Sales Drawing	5054311000-SD-000



EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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 #
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Hand Crimp Tool	2002180300
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for Micro-Lock Plus
1.25mm Pitch Wire-
to-Board Receptacle
Terminals, 26-30
AWG, UL1061 wire

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

Crimp Terminal,
26-30 AWG

Japan

Description

Product #

S-1 Applicator for
Micro-Lock Plus
Terminals, 26-30
AWG

5781463700

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