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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

Documents:

Drawing (PDF)	Product Specification 5055650000-000 (PDF)
Product Specification 2045230000-PS-000 (PDF)	Application Specification AS-505432-001-001 (PDF)
Product Specification 2045230001-PS-000 (PDF)	Application Specification AS-505565-001-001 (PDF)
Product Specification 2045320000-PS-000 (PDF)	Packaging Specification 5054319200-200 (PDF)
Product Specification 2045320001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5054320000-002 (PDF)	Product Literature (PDF)
Product Specification 5054320000-005 (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, 2045320000-PS-000, 2045320001-PS-000, 5054320000-002, 5054320000-005, 5055650000-000, 5054311000-SD-000
Sales Drawing	



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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

5781463700

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