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Part Number: **5041851000**
Status: **Active**
Overview: Micro-Lock™ Connectors
Description: Micro-Lock 1.25mm Pitch Wire-to-Board Crimp Terminal, Female, 26-30 AWG, Reel

Documents:

3D Model	Application Specification AS-504186-002-001 (PDF)
Drawing (PDF)	Application Specification AS-504193-001-001 (PDF)
Product Specification PS-504186-001-001 (PDF)	Application Specification AS-504193-002-001 (PDF)
Product Specification PS-504193-001-001 (PDF)	Packaging Specification SPK-504185-001-001 (PDF)
Application Specification AS-504186-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	<u>504185</u>
Application	Signal
Comments	See Product Specification for maximum current rating by wire AWG, See Product Specification for maximum current rating by wire AWG
Crimp Quality Equipment Overview	Yes
Product Name	<u>Micro-Lock™ Connectors</u>
UPC	Micro-Lock 887191055947

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	31.494/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.78mm - 1.02mm
Wire Size AWG	26, 28, 30
Wire Size mm ²	0.079-0.136

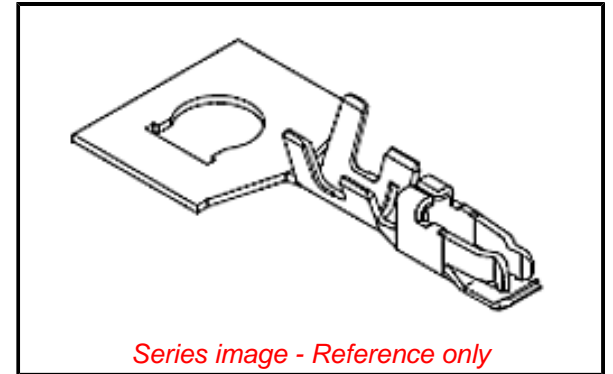
Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Application Specification	AS-504186-001-001, AS-504186-002-001, AS-504193-001-001, AS-504193-002-001
Application Tooling Documents	ATS-57427-0000
Crimp Specification	CS-504185-001-001
Packaging Specification	SPK-504185-001-001
Product Specification	PS-504186-001-001, PS-504193-001-001
Sales Drawing	SD-504185-001



EU ELV

Not Relevant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

504185 Series

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 1.25mm Pitch Wire-to-Board Crimp Terminal, 26 - 30 AWG, UL1061 wire	<u>638276900</u>
FineAdjust Applicator for 1.25mm (.049") Wire to Wire Crimp Terminal, 26-30 AWG	<u>639031800</u>

Japan

Description	Product #
S-1 Applicator for Micro-Lock	<u>5781253710</u>

Receptacle
Terminals, 26-30
AWG

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