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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, 5041851000

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	504185
Application	Signal
Comments	See Product Specification for maximum current rating by wire AWG
Crimp Quality Equipment	Yes
Overview	Micro-Lock™ Connectors
Product Name	Micro-Lock
UPC	887191055947

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	15.187/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 mm²	0.079-0.136

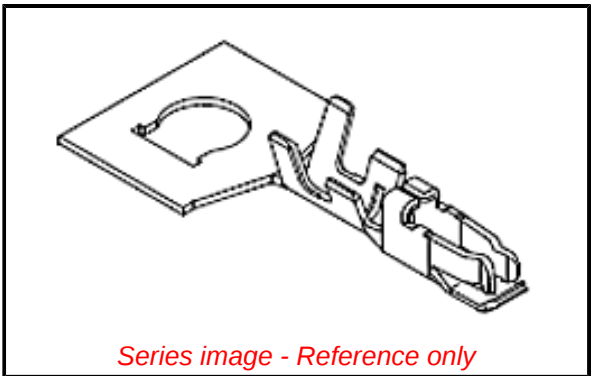
Electrical

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/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[504185](#) Series

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[504185-1000](#) [504185-1000 \(Cut Strip\)](#) [504185-1000 \(Mouser Reel\)](#) [504185-1000 \(Loose Piece\)](#)