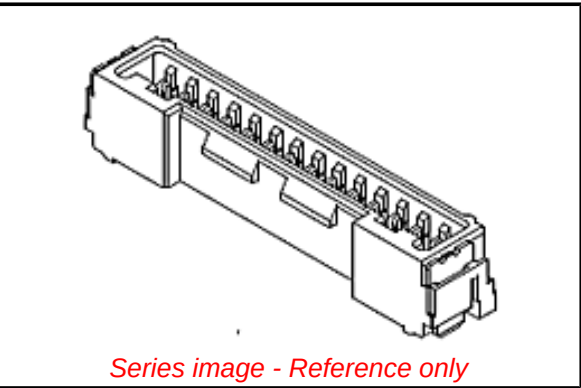


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Part Number: [5041940970](#)
Status: **Active**
Overview: [Micro-Lock™ Connectors](#)
Description: [Micro-Lock™ 1.25mm Pitch Single-Row Vertical Header, Beige, 9 Circuits, 5041940970](#)



Series image - Reference only

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-504193-001 \(PDF\)](#)
[Application Specification AS-504193-001 \(PDF\)](#)
- [Application Specification AS-504193-002 \(PDF\)](#)
[Packaging Specification SPK-504194-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	504194
Application	Wire-to-Board
Overview	Micro-Lock™ Connectors
Product Name	Micro-Lock™
UPC	887191206509

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Beige
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Net Weight	285.355/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.20mm, 1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-504193-001, AS-504193-002
Packaging Specification	SPK-504194-001
Product Specification	PS-504193-001, RPS-504193-001, RPS-504193-002, RPS-504193-003, RPS-504193-005, RPS-504193-006
Sales Drawing	SD-504194-001, SD-504194-002

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Not 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	Green Image
ELV	Not Relevant

Search Parts in this Series

[504194](#) Series

Mates With

[504193](#) Micro-Lock™ Wire-to-Board Crimp Housing

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