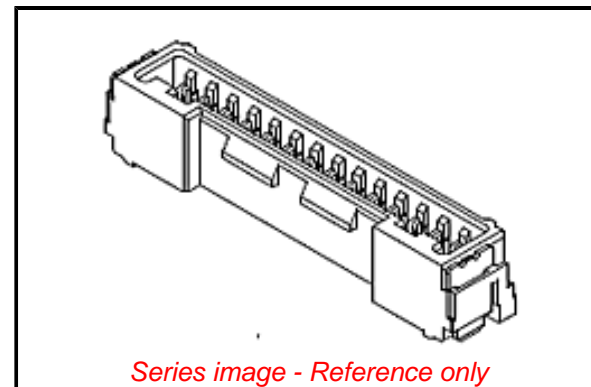


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**Part Number:** [5041941470](#)  
**Status:** **Active**  
**Overview:** [Micro-Lock™ Connectors](#)  
**Description:** [Micro-Lock™ 1.25mm Pitch Single-Row Vertical Header, Beige, 14 Circuits, 5041941470](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-504193-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-504194-001-001 (PDF)</a>
<a href="#">Product Specification PS-504193-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-504193-001-001 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	<a href="#">504194</a>
Application	Wire-to-Board
Overview	<a href="#">Micro-Lock™ Connectors</a>
Product Name	Micro-Lock
UPC	887191205434

**Physical**

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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	396.374/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-504193-001-001, AS-504193-002-001
Packaging Specification	SPK-504194-001-001
Product Specification	PS-504193-001-001
Sales Drawing	SD-504194-001, SD-504194-002

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[504194 Series](#)

**Mates With**

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

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