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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

**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                          |
| CURRENT-MAX-NUMERIC  | 1.5                                    |
| Overview             | <a href="#">Micro-Lock™ Connectors</a> |
| PITCH-MATING-NUMERIC | 1.25                                   |
| 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 Capable              | 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° to +85°C         |
| Termination Interface: Style   | Surface Mount         |

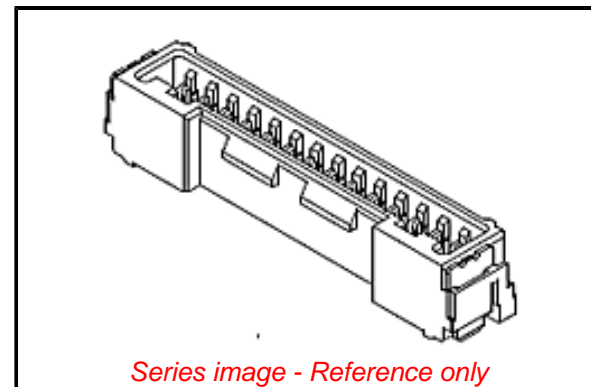
**Electrical**

|                               |      |
|-------------------------------|------|
| 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         |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Not 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**

[504194 Series](#)

**Mates With**

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

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