

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5041862400](#)  
**Status:** **Active**  
**Overview:** [Micro-Lock™ Connectors](#)  
**Description:** Micro-Lock 1.25mm Pitch Dual-Row Crimp Housing, White, 24 Circuits, 5041862400

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>  | <a href="#">Application Specification AS-504186-002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                     | <a href="#">Packaging Specification SPK-504186-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-504186-001-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Application Specification AS-504186-001-001 (PDF)</a> |   |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings                         |
| Series         | <a href="#">504186</a>                 |
| Application    | Wire-to-Board                          |
| Overview       | <a href="#">Micro-Lock™ Connectors</a> |
| Product Name   | Micro-Lock                             |
| UPC            | 887191161716                           |

**Physical**

|                               |               |
|-------------------------------|---------------|
| Circuits (maximum)            | 24            |
| Color - Resin                 | White         |
| Gender                        | Receptacle    |
| Glow-Wire Capable             | No            |
| Lock to Mating Part           | Yes           |
| Material - Resin              | Polyester     |
| Net Weight                    | 358.045/mg    |
| Number of Rows                | 2             |
| Packaging Type                | Tray          |
| Panel Mount                   | No            |
| Pitch - Mating Interface      | 1.25mm        |
| Pitch - Termination Interface | 1.25mm        |
| Polarized to Mating Part      | Yes           |
| Temperature Range - Operating | -25° to +85°C |

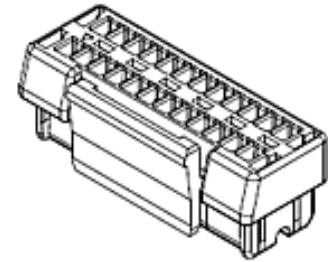
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
|-------------------------------|------|

**Material Info**

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | AS-504186-001-001, AS-504186-002-001 |
| Packaging Specification   | SPK-504186-001-001                   |
| Product Specification     | PS-504186-001-001                    |
| Sales Drawing             | SD-504186-001                        |



*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**

[504186 Series](#)

**Mates With**

Micro-Lock 1.25mm Pitch Header [504187](#) ,  
[504189](#)

**Use With**

Micro-Lock Wire-to-Board Crimp Terminal  
[5041851000](#)

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