

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

**Part Number:** [5040510401](#)  
**Status:** **Active**  
**Overview:** [Pico-Lock Connector System](#)  
**Description:** 1.50mm Pitch Pico-Lock Crimp Housing, 2.00mm Mated Height, Positive Side Locks, 4 Circuits

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-504051-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Application Specification AS-504051-002-001 (PDF)</a> |
| <a href="#">Product Specification PS-504051-001-001 (PDF)</a> | <a href="#">Packaging Specification SPK-504051-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-504051-002-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**Agency Certification**

UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings                             |
| Series         | <a href="#">504051</a>                     |
| Application    | Wire-to-Board                              |
| Overview       | <a href="#">Pico-Lock Connector System</a> |
| Product Name   | Pico-Lock                                  |
| UPC            | 887191335360                               |

**Physical**

|                               |                                |
|-------------------------------|--------------------------------|
| Circuits (maximum)            | 4                              |
| Color - Resin                 | Black                          |
| Gender                        | Receptacle                     |
| Glow-Wire Capable             | No                             |
| Keying to Mating Part         | N/A                            |
| Lock to Mating Part           | Yes                            |
| Material - Resin              | High Temperature Thermoplastic |
| Net Weight                    | 55.500/mg                      |
| Number of Rows                | 1                              |
| Packaging Type                | Bag                            |
| Panel Mount                   | No                             |
| Pitch - Mating Interface      | 1.50mm                         |
| Polarized to Mating Part      | Yes                            |
| Stackable                     | No                             |
| Temperature Range - Operating | -40° to +105°C                 |

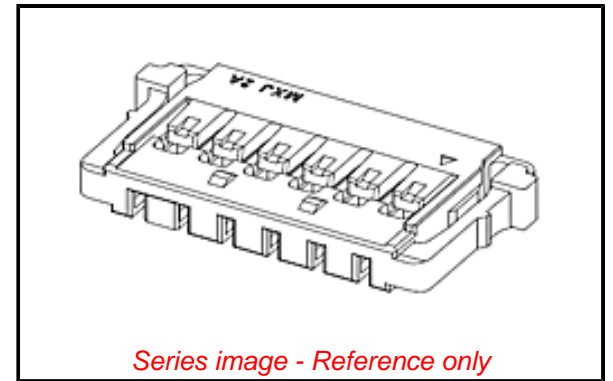
**Electrical**

Current - Maximum per Contact 3.0A

**Material Info**

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | AS-504051-001-001, AS-504051-002-001 |
| Packaging Specification   | SPK-504051-001-001                   |
| Product Specification     | PS-504051-001-001, PS-504051-002-001 |
| Sales Drawing             | SD-504051-001                        |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**Halogen-Free Status**

**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

ELV

Prop65

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Compliant

Not Contained

**Search Parts in this Series**

[504051 Series](#)

**Mates With**

[504050 Pico-Lock SMT Wire-to-Board Header](#)

**Use With**

[504052 Pico-Lock Crimp Terminal](#)