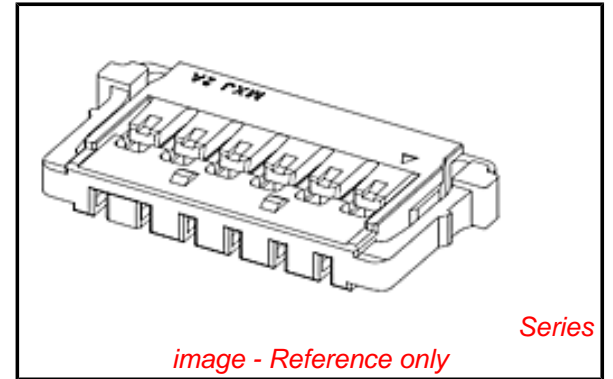


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [504051-0601](#)  
**Status:** **Active**  
**Description:** 1.50mm Pitch Pico-Lock™ SMT Crimp Housing, 2.00mm Mated Height, Positive Side Locks, 6 Circuits

**Documents:**

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



**General**

|                |                        |
|----------------|------------------------|
| Product Family | Crimp Housings         |
| Series         | <a href="#">504051</a> |
| Application    | Wire-to-Board          |
| Product Name   | Pico-Lock™             |
| UPC            | 884982939899           |

**Physical**

|                               |                                |
|-------------------------------|--------------------------------|
| Circuits (maximum)            | 6                              |
| Color - Resin                 | Black                          |
| Gender                        | Female                         |
| Glow-Wire Compliant           | No                             |
| Keying to Mating Part         | N/A                            |
| Lock to Mating Part           | Yes                            |
| Material - Resin              | High Temperature Thermoplastic |
| Net Weight                    | 73.700/mg                      |
| Number of Rows                | 1                              |
| Packaging Type                | Bag                            |
| Panel Mount                   | No                             |
| Pitch - Mating Interface      | 1.50mm                         |
| Temperature Range - Operating | -25°C to +85°C                 |

**Electrical**

|                               |    |
|-------------------------------|----|
| Current - Maximum per Contact | 1A |
|-------------------------------|----|

**Material Info**

**Reference - Drawing Numbers**

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

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[504051Series](#)

**Mates With**

[504050](#) 1.50mm Pitch Pico-Lock™ SMT Wire-to-Board Header