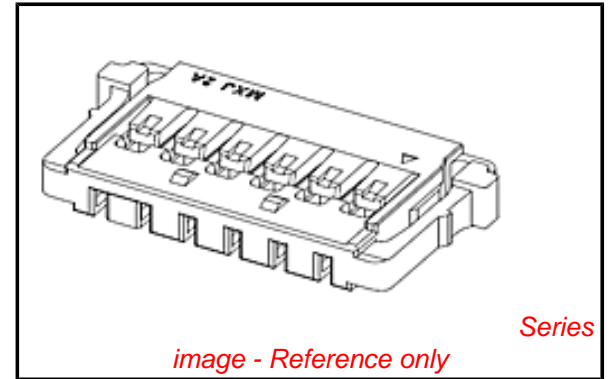


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [504051-1001](#)  
**Status:** **Active**  
**Description:** Pico-Lock™ SMT Crimp Housing, 2.00mm Mated Height, Positive Side Locks, 10 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         | 504051         |
| Application    | Wire-to-Board  |
| Product Name   | Pico-Lock™     |
| UPC            | 884982939929   |

**Physical**

|                               |                                |
|-------------------------------|--------------------------------|
| Circuits (maximum)            | 10                             |
| 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                    | 109.000/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 | 3A |
|-------------------------------|----|

**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, RPS-504051-001 |
| Sales Drawing             | SD-504051-001                                |

|   |                       |
|---|-----------------------|
| <b>EU RoHS</b><br><b>ELV and RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br><b>Contains SVHC: No</b><br><b>Low-Halogen Status</b><br><b>Low-Halogen</b> | <b>China RoHS</b><br> |
|---|-----------------------|

**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](#) Pico-Lock™ SMT Wire-to-Board Header

**Use With**

[504052](#) Pico-Lock™ Crimp Terminal